

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ST UO 1207	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: 891008900A	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		9. WELL NAME and NUMBER: NBU 922-29J	
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779		PHONE NUMBER: (720) 929-6226	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2383' FSL & 1736' FEL LAT 40.006361 LON -109.45995 (NAD 27) AT PROPOSED PRODUCING ZONE: N/A 630908X 4429381Y 40.006369 -109.446328		10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 24.2 miles east of Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1736'	16. NUMBER OF ACRES IN LEASE: 400	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 240'	19. PROPOSED DEPTH: 9,200	20. BOND DESCRIPTION: RLB0005237	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4923 GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: 10 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4"		2,150	Premium Cement	215 sx	1.18	15.6
			Premium Cement	50 sx	1.18	15.6
7 7/8"		9,200	Premium Lite II	450 sx	3.38	11
			50/50 Poz G	1430 sx	1.31	14.3

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Kevin McIntyre TITLE Regulatory Analyst
SIGNATURE [Signature] DATE 5/15/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-047-40119

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

Date: 07-31-08
(See Instructions on Reverse Side)

By: [Signature]

RECEIVED
JUN 06 2008
DIV. OF OIL, GAS & MINING

T9S, R22E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

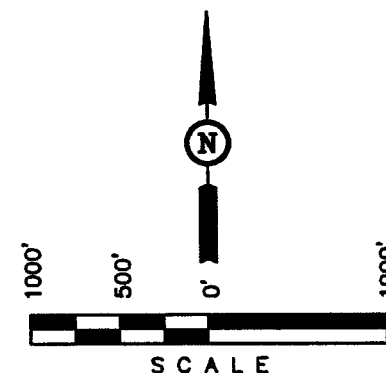
Well location, NBU #922-29J, located as shown in the NW 1/4 SE 1/4 of Section 29, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

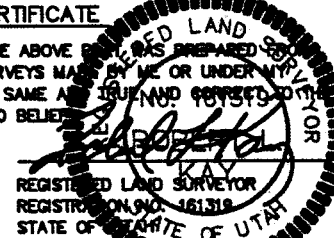
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



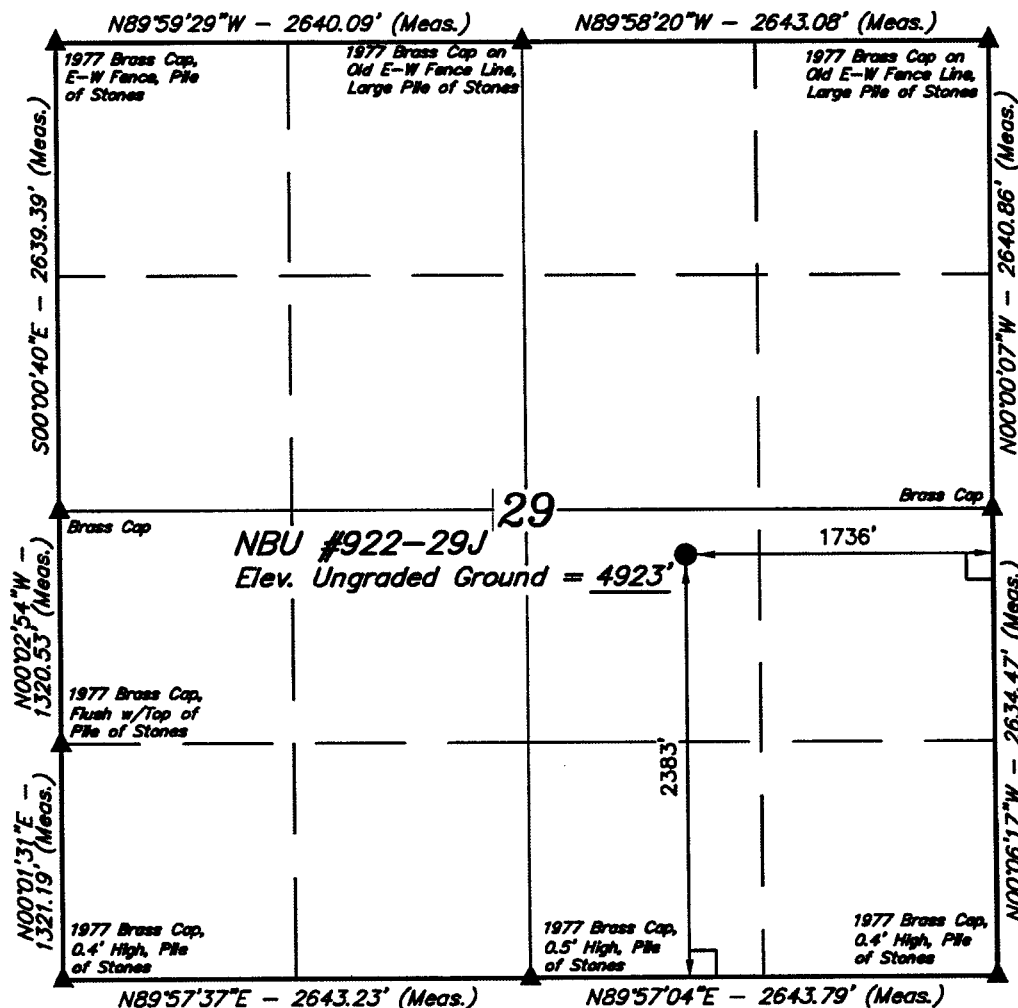
UTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-07-08	DATE DRAWN: 04-29-08
PARTY L.D.K. C.K. L.A.K.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP	

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°00'22.77" (40.006325)
LONGITUDE = 109°27'38.28" (109.460633)
(NAD 27)
LATITUDE = 40°00'22.90" (40.006361)
LONGITUDE = 109°27'35.82" (109.459950)



**NBU 922-29J
NWSE Sec. 29, T9S,R22E
UINTAH COUNTY, UTAH
ST UO 1207**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1398'
Bird's Nest	1679'
Mahogany	2043'
Wasatch	4602'
Mesaverde	7109'
MVU2	8027'
MVL1	8589'
TD	9200'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1398'
	Bird's Nest	1679'
	Mahogany	2043'
Gas	Wasatch	4602'
Gas	Mesaverde	7109'
Gas	MVU2	8027'
Gas	MVL1	8589'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9200' TD, approximately equals 5704 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3680 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

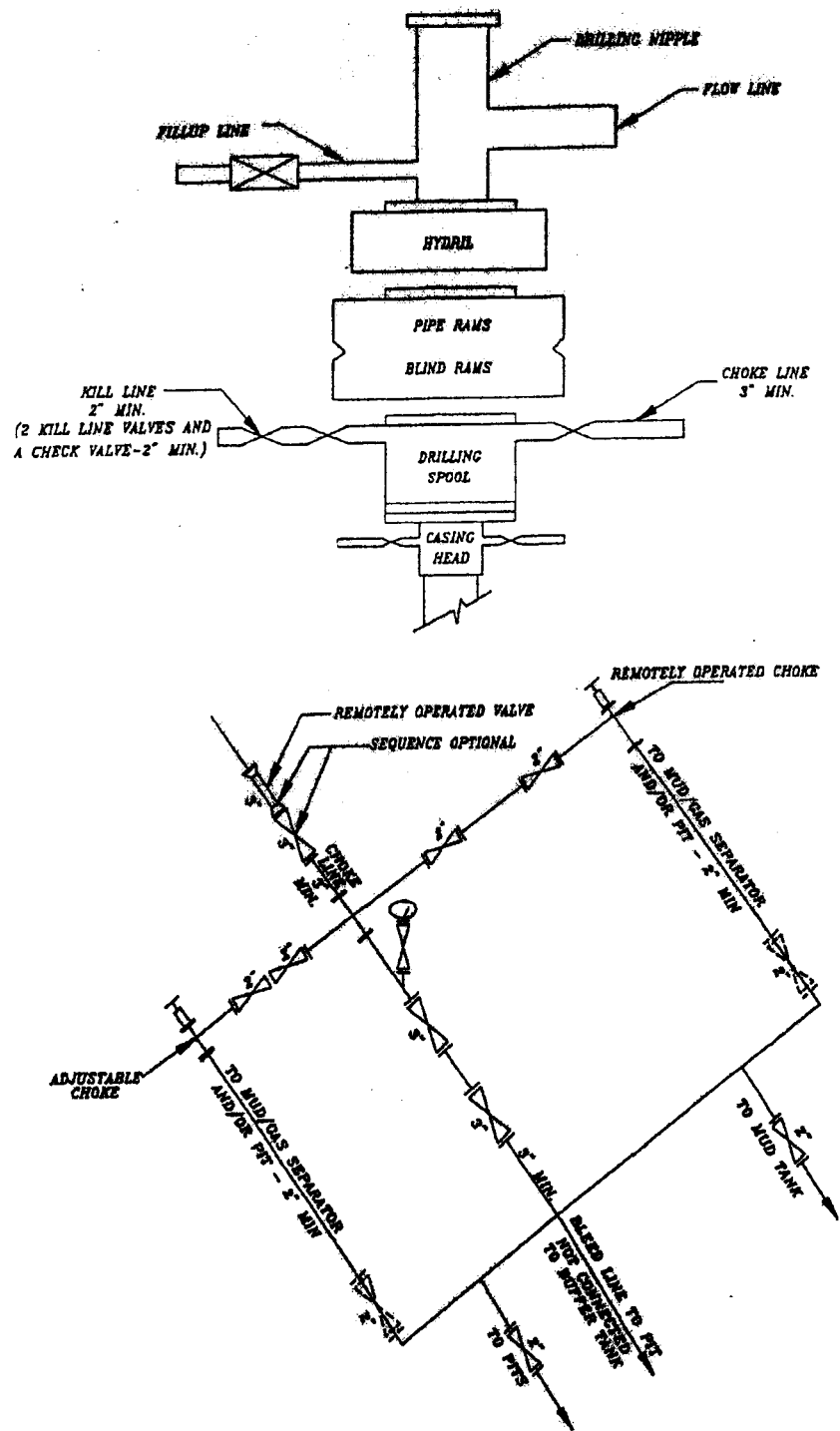
9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

NBU 922-29J
NWSE SEC 29-T9S-R22E
Uintah County, UT
ST UO 1207

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 70' of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 2911' of 4" pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E, Pipeline Facility, Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond, SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond, Sec. 2, T10S, R23E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Kevin McIntyre
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
P.O. Box 173779
Denver, CO 80217-3779
(720) 929-6226

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018


Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Kevin McIntyre

6/5/2008

Date



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 5, 2008
WELL NAME NBU 922-29J TD 9,200' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,923' GL KB 4,938'
SURFACE LOCATION NWSE 2383' FSL & 1736' FEL, SEC. 29, T9S, R22E BHL Straight Hole
Latitude: 40.006361 Longitude: -109.459950 NAD 27
OBJECTIVE ZONE(S) Wasatch/Mesaverde
ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, Tri-County Health Dept.

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 36#, J-55, LTC	Air mist
Catch water sample, if possible, from 0 to 4,602'					
	Green River @	1,398'			
	Top of Birds Nest Water @	1679'			
	Mahogany @	2,043'			
	Preset f/ GL @				
		2,150' MD			
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD					
Open hole logging program f/ TD - surf csg					
	Wasatch @	4,602'	7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-10.0 ppg
	Mverde @	7,109'			
	MVU2 @	8,027'			
	MVL1 @	8,589'			
					Max anticipated Mud required 11.8 ppg
	TD @	9,200'			



CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3520	2020	453000
SURFACE	9-5/8"	0 to 2150	36.00	J-55	LTC	0.97	2.01	7.45
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9200	11.60	I-80	LTC	2.15	1.12	2.16

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: TD = 11.8 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 3680 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2		NOTE: If well will circulate water to surface, option 2 will be utilized					
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,100'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	450	60%	11.00	3.38
	TAIL	5,100'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1430	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne NBU 922-29J.xls

DATE:

KERR-MCGEE OIL & GAS ONSHORE LP
NBU #922-29J
SECTION 29, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN AN NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILE TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILE TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 70' MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.3 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #922-29J

LOCATED IN UINTAH COUNTY, UTAH
SECTION 29, T9S, R22E, S.L.B.&M.

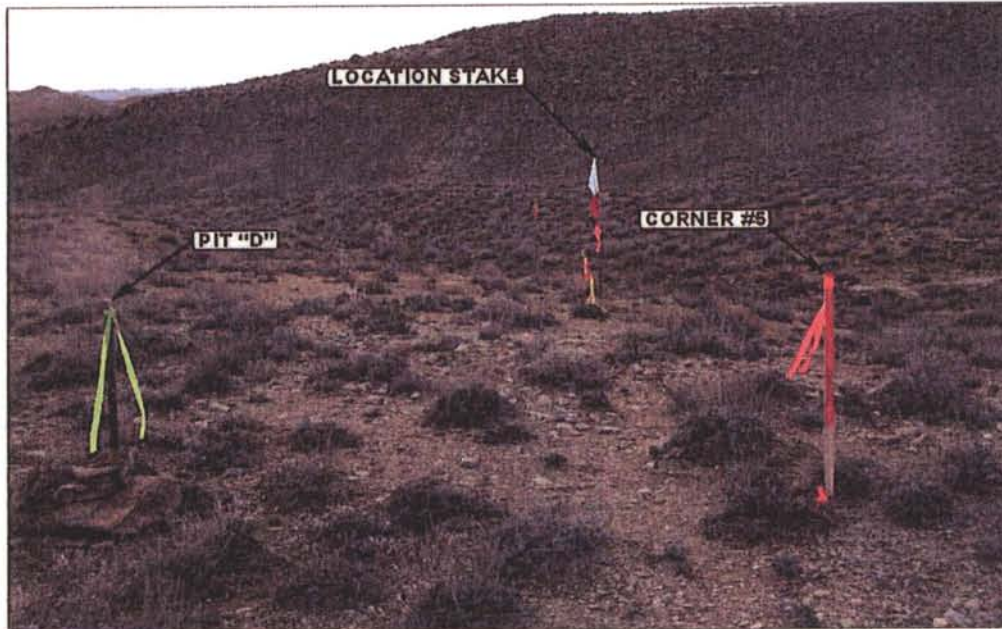


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



U
E
L
S

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

Since 1964

LOCATION PHOTOS

05 05 08
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: Z.L.

REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

NBU #922-29J

LOCATED IN UINTAH COUNTY, UTAH
SECTION 29, T9S, R22E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF PROPOSED PIPELINE

CAMERA ANGLE: SOUTHERLY



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

05 05 08
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K. DRAWN BY: Z.L. REVISED: 00-00-00

FIGURE #1

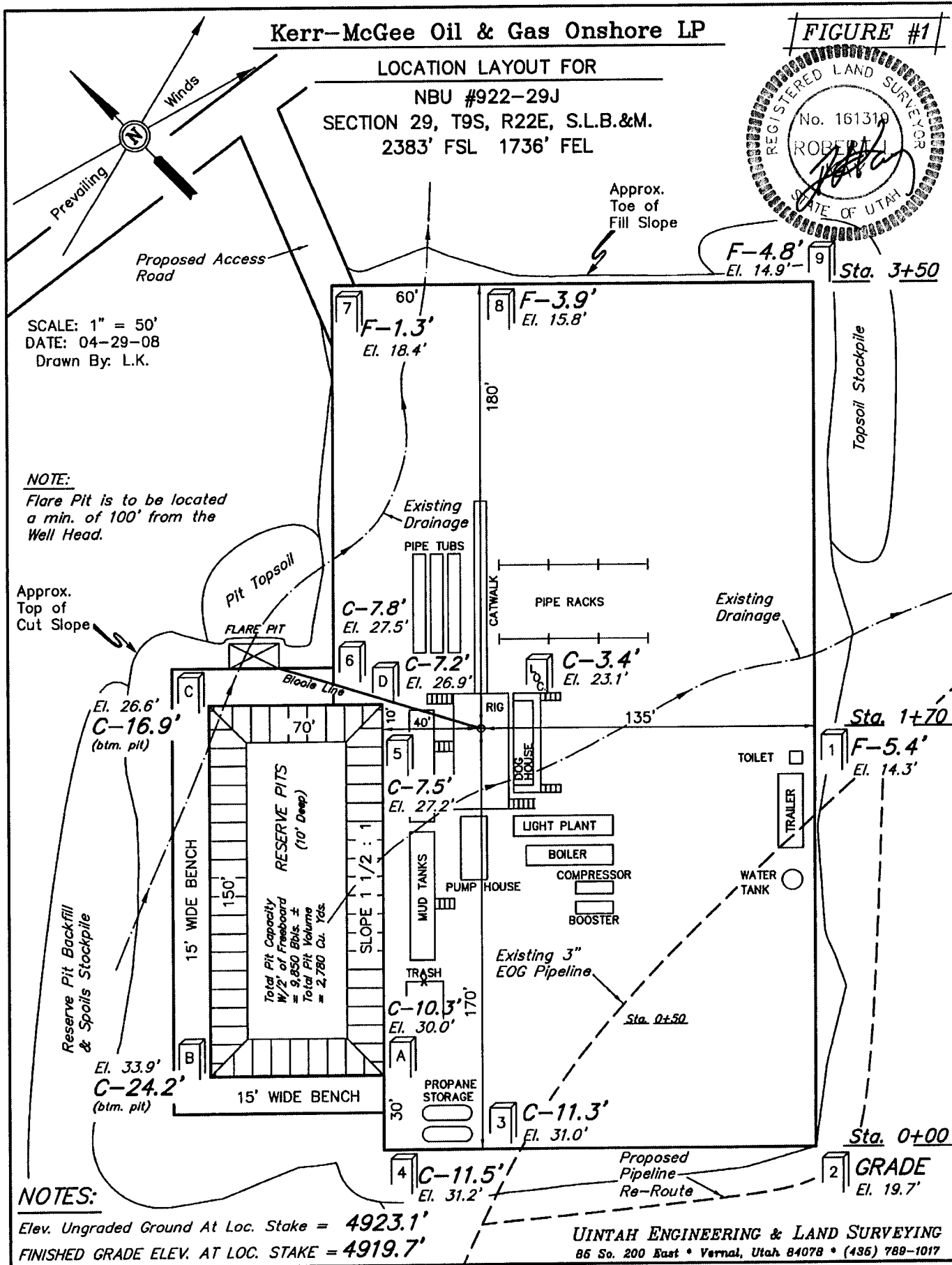
NBU #922-29J

2383' FSL 1736' FEL

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4923.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 4919.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



Kerr-McGee Oil & Gas Onshore LP

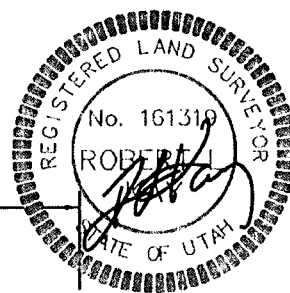
FIGURE #2

TYPICAL CROSS SECTIONS FOR

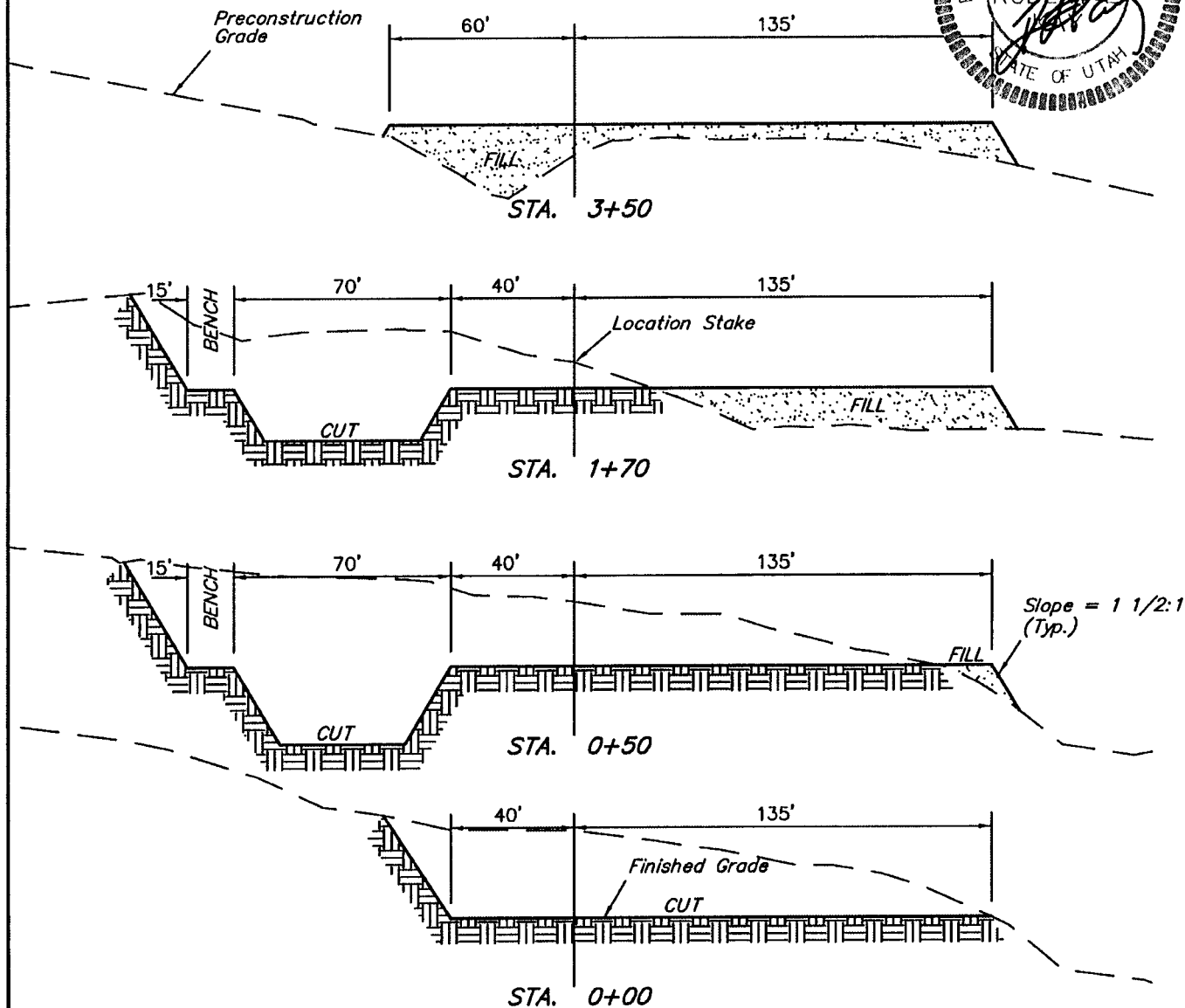
NBU #922-29J

SECTION 29, T9S, R22E, S.L.B.&M.

2383' FSL 1736' FEL



1" = 20'
X-Section
Scale
1" = 50'
DATE: 04-29-08
Drawn By: L.K.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

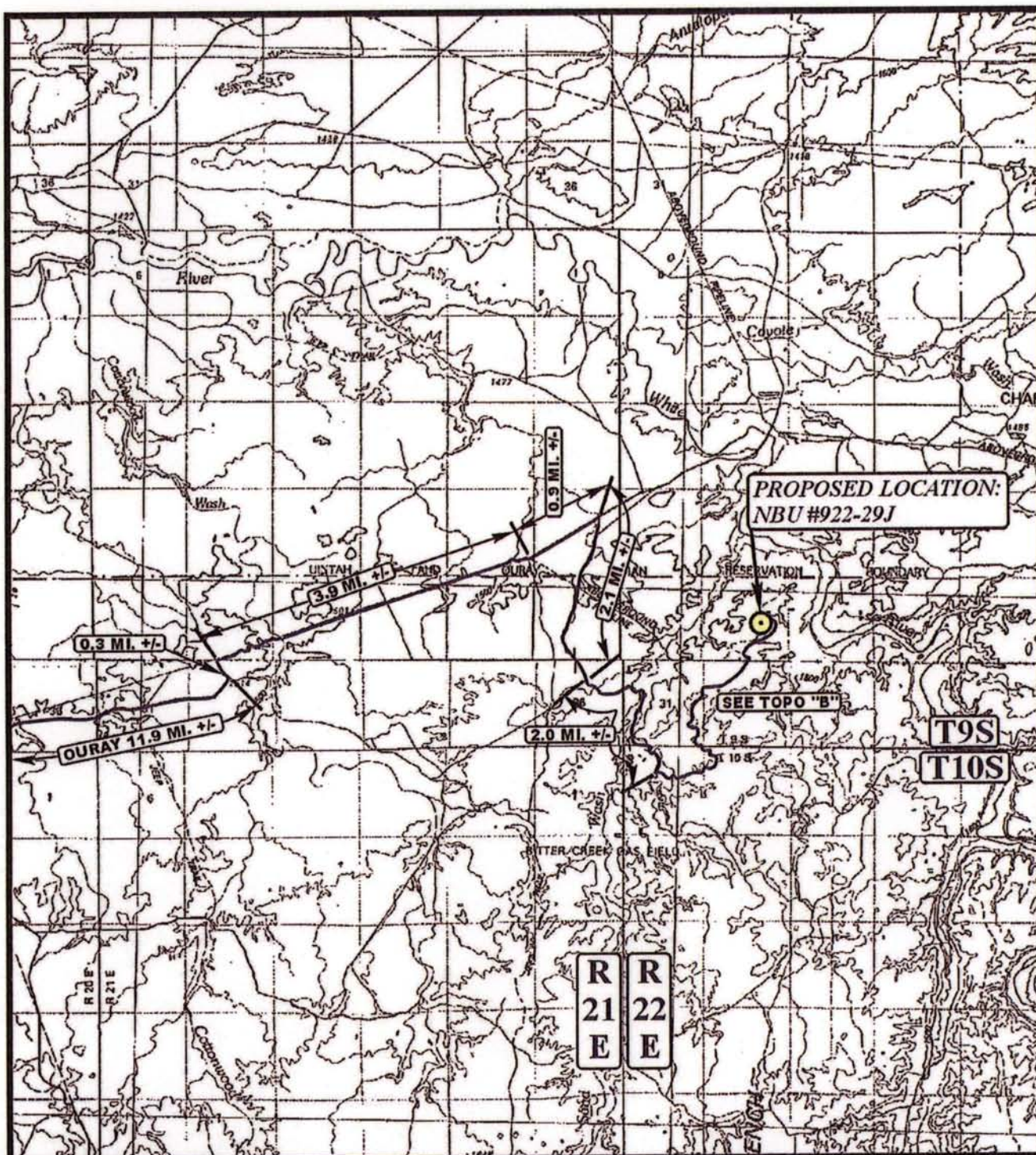
CUT
(6") Topsoil Stripping = 1,810 Cu. Yds.
Remaining Location = 14,590 Cu. Yds.

TOTAL CUT = 16,400 CU.YDS.


FILL = 3,810 CU.YDS.

EXCESS MATERIAL = 12,590 Cu. Yds.
Topsoil & Pit Backfill = 3,200 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 9,390 Cu. Yds.
(After Interim Rehabilitation)

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85 So. 200 East • Vernal, Utah 84078 • (435) 788-1017



LEGEND:

 PROPOSED LOCATION



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



Kerr-McGee Oil & Gas Onshore LP

NBU #922-29J

SECTION 29, T9S, R22E, S.L.B.&M.

2383' FSL 1736' FEL

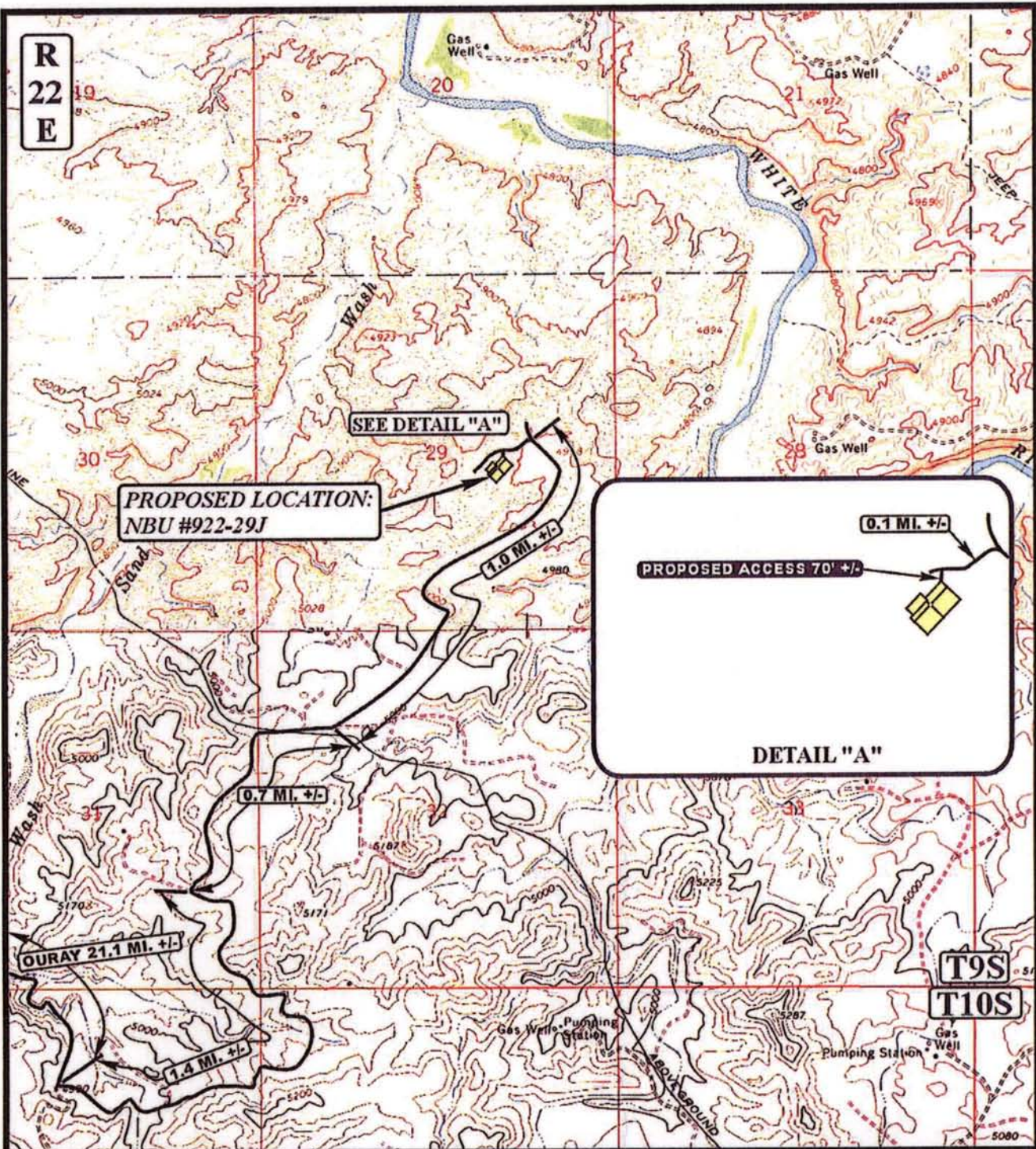
**TOPOGRAPHIC
MAP**

05 05 08
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 00-00-00



R
22
E



LEGEND:

----- PROPOSED ACCESS ROAD
————— EXISTING ROAD

Kerr-McGee Oil & Gas Onshore LP

NBU #922-29J

SECTION 29, T9S, R22E, S.L.B.&M.

2383' FSL 1736' FEL



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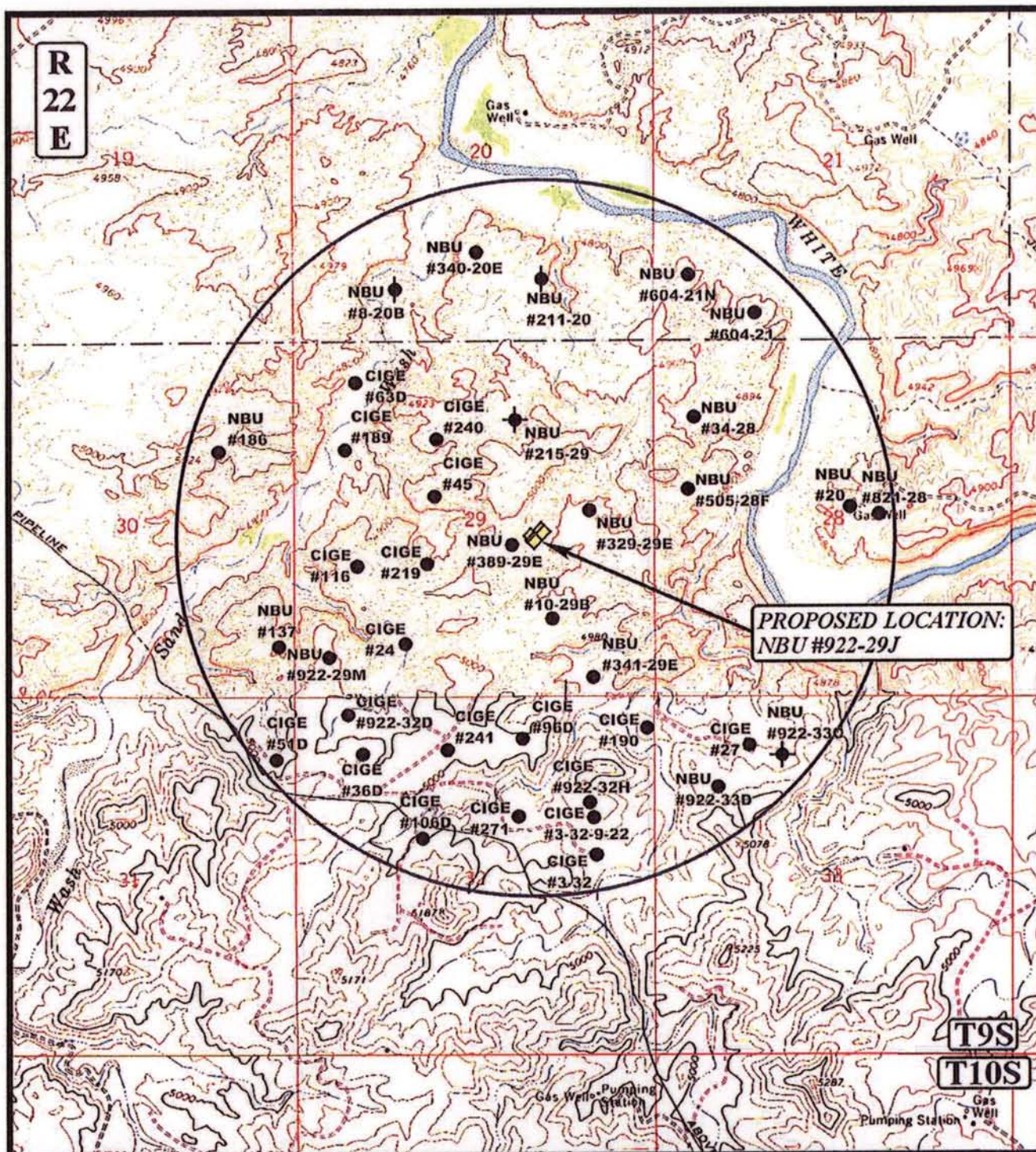


**TOPOGRAPHIC
MAP**

05 05 08
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00

**B
TOPO**



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



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Kerr-McGee Oil & Gas Onshore LP

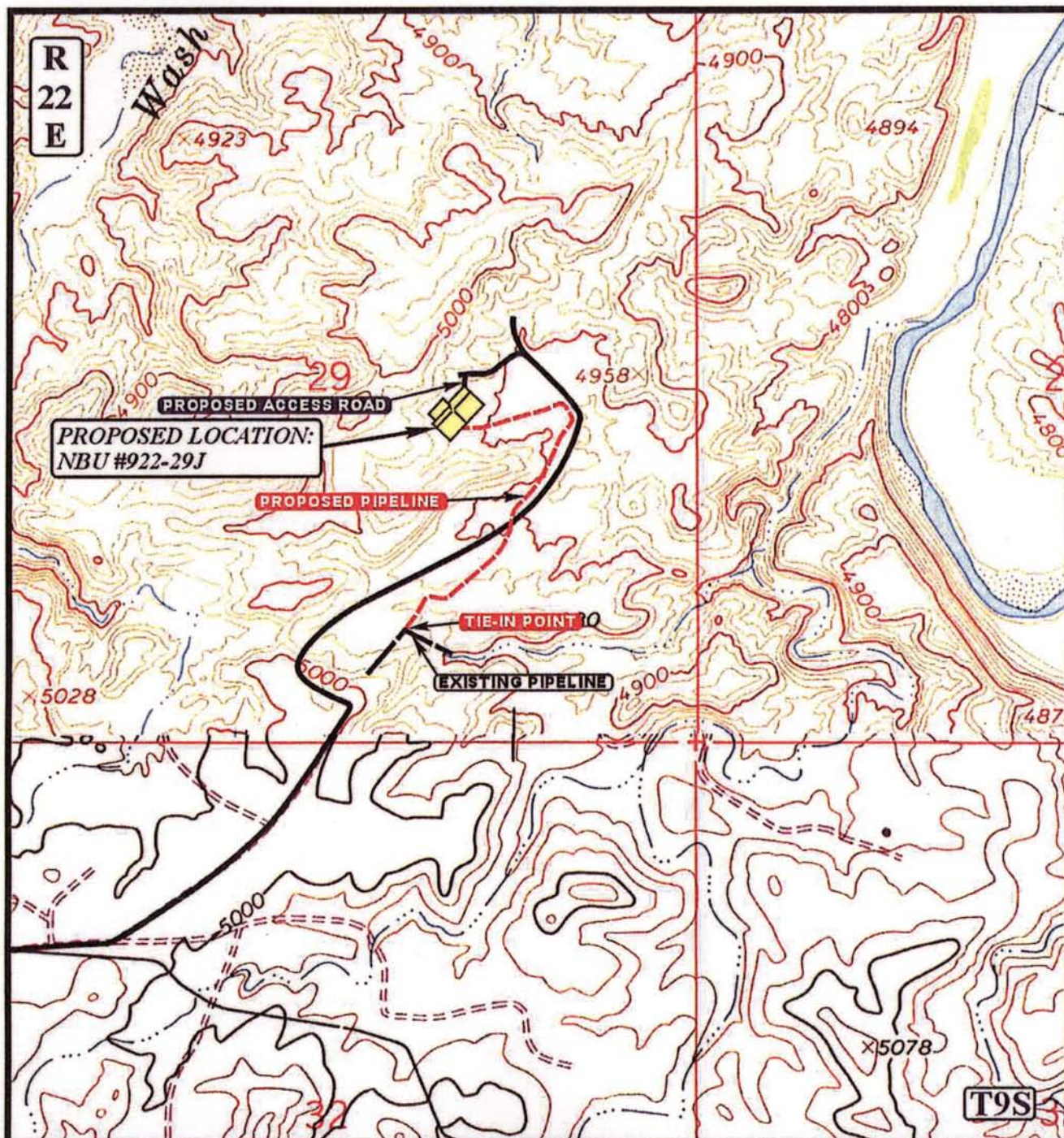
NBU #922-29J
 SECTION 29, T9S, R22E, S.L.B.&M.
 2383' FSL 1736' FEL

TOPOGRAPHIC
 MAP

05 05 08
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,911' +/-

LEGEND:

— EXISTING PIPELINE
 - - - PROPOSED PIPELINE
 — PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #922-29J

SECTION 29, T9S, R22E, S.L.B.&M.

2383' FSL 1736' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

05 05 08
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 00-00-00

**D
TOPO**

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/06/2008

API NO. ASSIGNED: 43-047-40119

WELL NAME: NBU 922-29J

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 720-929-6226

CONTACT: KEVIN MCINTYRE

PROPOSED LOCATION:

NWSE 29 090S 220E

SURFACE: 2383 FSL 1736 FEL

BOTTOM: 2383 FSL 1736 FEL

COUNTY: UINTAH

LATITUDE: 40.00637 LONGITUDE: -109.4663

UTM SURF EASTINGS: 630908 NORTHINGS: 4429381

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	7/16/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ST UO 1207

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 22013542)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: NATURAL BUTTES
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460 ft u/drg & unknown. Treat
___ R649-3-11. Directional Drill

COMMENTS:

Needs Review (06-19-08)

STIPULATIONS:

*1- STATEMENT OF BASIS
2- OIL SHALE
3- Surface Csg Cont Sta*

Application for Permit to Drill

Statement of Basis

7/3/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
799	43-047-40119-00-00		GW	S	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.		Surface Owner-APD		
Well Name	NBU 922-29J	Unit	NATURAL BUTTES		
Field	NATURAL BUTTES		Type of Work		
Location	NWSE 29 9S 22E S 2383 FSL 1736 FEL GPS Coord (UTM) 630908E 4429381N				

Geologic Statement of Basis

Kerr McGee proposes to set 2,350' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,900'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The production casing cement should be brought up above the base of the moderately saline ground water in order to isolate it from fresher waters up hole. The proposed casing and cement should adequately protect. Any usable ground water.

Brad Hill
APD Evaluator

7/3/2008
Date / Time

Surface Statement of Basis

This location is in the Sand Wash area of the Natural Buttes Unit approximately 24.7 road miles southeast of Ouray, Ut. The Seep Ridge Road, Uintah County roads and existing roads access the site. Sand Wash is the major drainage in the area. It drains northerly to the White River a distance of approximately 1 mile. The area is characterized by steep sided hills, which are frequently divided by narrow to wide valley bottoms. Sand Wash is an ephemeral drainage. No springs, seeps or streams exist in the area. An occasional pond constructed to supply water for cattle and antelope exists. Washes are sometimes rimmed with exposed sand stone bedrock cliffs.

The NBU 922-29J gas well is laid out longitudinally in a northeast to southwest direction along a moderately steep side-slope of a hill. A moderately deep drainage which begins within the site intersects the pad area but will be filled during construction. The side hill tops out where the well will be drilled. The side-hill slopes into a wide valley below. Ridges exist to the north and south. The selected site appears to be suitable for constructing a pad, drilling and operating the planned well and is the best location in the immediate area.

Both the surface and minerals are owned by SITLA. Jim Davis of SITLA reviewed the site and had no concerns regarding the proposal except as covered above.

Ben Williams of the Utah Division of Wildlife Resources was invited the pre-site visit and did not attend

Floyd Bartlett
Onsite Evaluator

6/19/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHORE, L.P.
Well Name NBU 922-29J
API Number 43-047-40119-0 **APD No** 799 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 NWSE **Sec** 29 **Tw** 9S **Rng** 22E 2383 FSL 1736 FEL
GPS Coord (UTM) 631455 4429391 **Surface Owner**

Participants

Floyd Bartlett and David Hackford (DOGM), Jim Davis (SITLA), Raleen White, Clay Einerson and Tony Kzneck (Kerr McGee) and David Kay (Uintah Engineering and Land Surveying).

Regional/Local Setting & Topography

This location is in the Sand Wash area of the Natural Buttes Unit approximately 24.7 road miles southeast of Ouray, Ut. The Seep Ridge Road, Uintah County roads and existing roads access the site. Sand Wash is the major drainage in the area. It drains northerly to the White River a distance of approximately 1 mile. The area is characterized by steep sided hills, which are frequently divided by narrow to wide valley bottoms. Sand Wash is an ephemeral drainage. No springs, seeps or streams exist in the area. An occasional pond constructed to supply water for cattle and antelope exists. Washes are sometimes rimmed with exposed sand stone bedrock cliffs.

The NBU 922-29J gas well is laid out longitudinally in a northeast to southwest direction along a moderately steep side-slope of a hill. A moderately deep drainage which begins within the site intersects the pad area but will be filled during construction. The side hill tops out where the well will be drilled. The side-hill slopes into a wide valley below. Ridges exist to the north and south. The selected site appears to be suitable for constructing a pad, drilling and operating the planned well and is the best location in the immediate area.

Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0	Width 260 Length 350	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Vegetation consists of sagebrush, horsebrush, greasewood, cheatgrass, curly mesquite grass, shadscale, halogeton, globemallow and annuals.

Cattle, antelope and small mammals and birds.

Soil Type and Characteristics

Soils are a rocky sandy loam with exposed bedrock

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run?

Paleo Potential Observed?

Cultural Survey Run?

Cultural Resources?

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet) 100 to 200

5

Distance to Surface Water (feet) >1000

0

Dist. Nearest Municipal Well (ft) >5280

0

Distance to Other Wells (feet) 300 to 1320

10

Native Soil Type Mod permeability

10

Fluid Type Fresh Water

5

Drill Cuttings Normal Rock

0

Annual Precipitation (inches) <10

0

Affected Populations <10

0

Presence Nearby Utility Conduits Not Present

0

Final Score

30

1

Sensitivity Level

Characteristics / Requirements

The reserve pit is planned in an area of cut in the southwest corner of the location. Dimensions are 70' x 150' x 10' deep with 2' of freeboard. A liner with a minimum thickness of 16 mils. and a felt sub-liner are required.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett

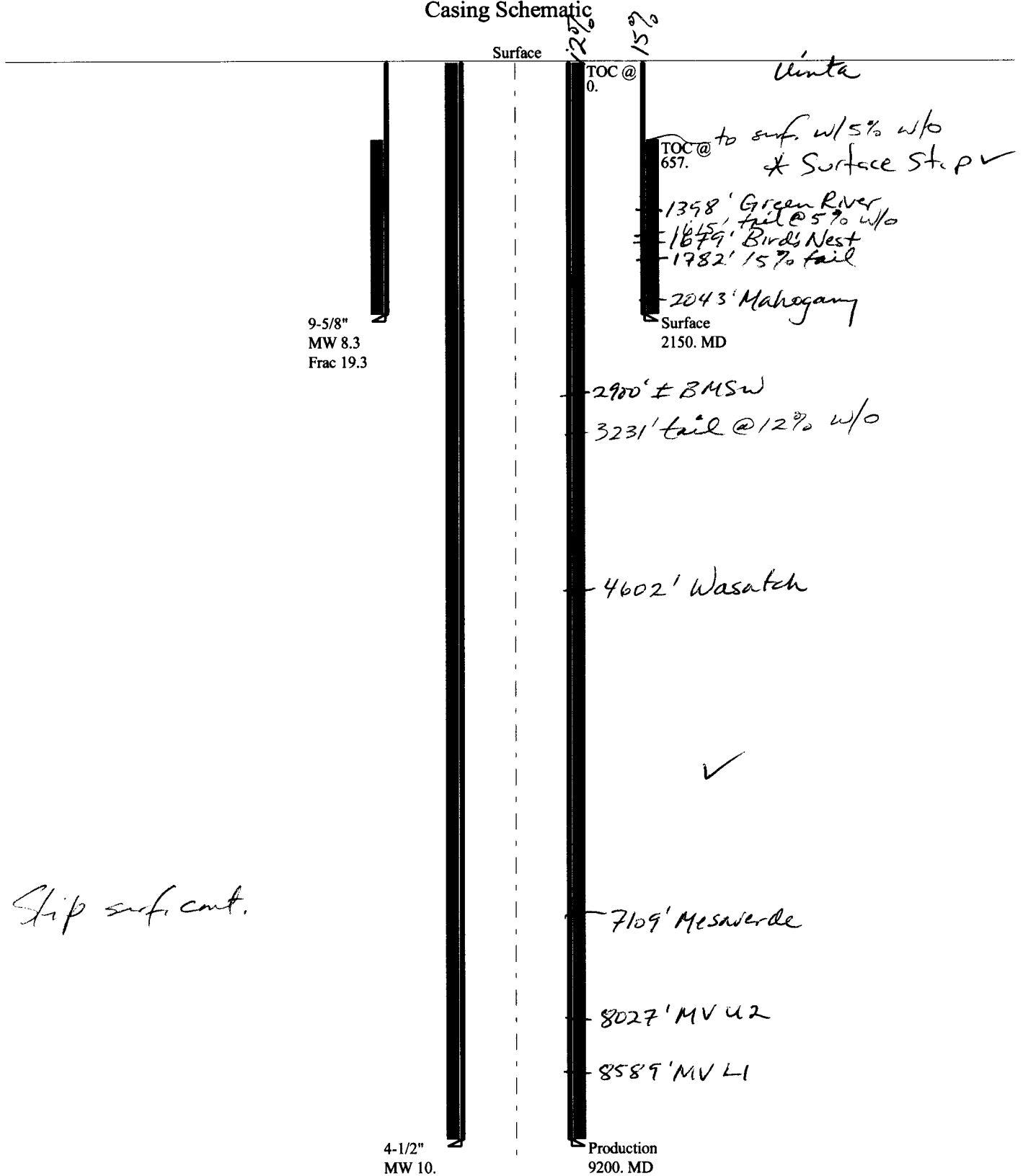
6/19/2008

Evaluator

Date / Time

2008-07 Kerr McGee NBU 922-29J

Casing Schematic



Well name:

2008-07 Kerr McGee NBU 922-29JOperator: **Kerr McGee Oil & Gas Onshore L.P.**String type: **Surface**

Project ID:

43-047-40119Location: **Uintah County, Utah****Design parameters:****Collapse**Mud weight: 8.330 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 105 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,300 ft

Cement top: 657 ft

BurstMax anticipated surface pressure: 1,892 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,150 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 1,885 ft

Non-directional string.**Re subsequent strings:**Next setting depth: 9,200 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,779 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,150 ft
Injection pressure: 2,150 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2150	9.625	36.00	J-55	LT&C	2150	2150	8.796	933.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	930	2020	2.171	2150	3520	1.64	68	453	6.68 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & MineralsPhone: (801) 538-5357
FAX: (801) 359-3940Date: July 8, 2008
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 2150 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2008-07 Kerr McGee NBU 922-29J	
Operator:	Kerr McGee Oil & Gas Onshore L.P.	Project ID:
String type:	Production	43-047-40119
Location:	Uintah County, Utah	

Design parameters:
Collapse

Mud weight: 10.000 ppg
Internal fluid density: 2.300 ppg

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,755 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,779 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 7,825 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9200	4.5	11.60	I-80	LT&C	9200	9200	3.875	802.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3680	6360	1.728	4779	7780	1.63	91	212	2.34 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: July 8, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9200 ft, a mud weight of 10 ppg. An internal gradient of .119 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Kerr-McGee NBU 922-29J API 43-047-40119

INPUT

Well Name

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Kerr-McGee NBU 922-29J API 43-047-40119			
String 1	String 2		
9 5/8	4 1/2		
2150	9200		
40	2150		
8.4	10		
500	5000		
3520	7780		
5704	11.9 ppg		

Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	939	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	681	NO <i>o.k.</i> Air Drill to surface shoe with diverter
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	466	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	475	NO - Reasonable Depth - no pressures
Required Casing/BOPE Test Pressure		2150 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	4784	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3680	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2760	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3233	NO <i>o.k.</i>
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		2150 psi	*Assumes 1psi/ft frac gradient

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

June 9, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Wasatch/MesaVerde)		
43-047-40110	NBU 921-26N2AS Sec 26	T09S R21E 0463 FSL 1302 FWL
	BHL Sec 26	T09S R21E 1160 FSL 1940 FWL
43-047-40111	NBU 921-26M4AS Sec 26	T09S R21E 0458 FSL 1282 FWL
	BHL Sec 26	T09S R21E 0425 FSL 1165 FWL
43-047-40112	NBU 921-26N2DS Sec 26	T09S R21E 0468 FSL 1321 FWL
	BHL Sec 26	T09S R21E 0830 FSL 1875 FWL
43-047-40113	NBU 921-26M2AS Sec 26	T09S R21E 0454 FSL 1263 FWL
	BHL Sec 26	T09S R21E 1095 FSL 0475 FWL
43-047-40114	NBU 921-35AT	Sec 35 T09S R21E 0504 FNL 0524 FEL
43-047-40120	NBU 920-15FT	Sec 15 T09S R20E 1964 FNL 1991 FWL
43-047-40119	NBU 922-29J	Sec 29 T09S R22E 2383 FSL 1736 FEL
43-047-40115	NBU 922-29FT	Sec 29 T09S R22E 2323 FNL 2022 FWL
43-047-40116	NBU 922-3201T	Sec 32 T09S R22E 0900 FSL 1915 FEL
43-047-40117	NBU 922-32MT	Sec 32 T09S R22E 1153 FSL 0717 FWL
43-047-40118	NBU 922-36NT	Sec 36 T09S R22E 1118 FSL 2308 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-9-08

From: Jim Davis
To: Mason, Diana
Date: 7/30/2008 4:03 PM
Subject: SITLA APD approval 7/30/08

CC: Bonner, Ed; Garrison, LaVonne
The following wells have been approved by SITLA including arch and paleo clearance.

Operator	Well Name	API #
Kerr McGEE	NBU 921-26M2AS	4304740113
Kerr McGEE	NBU 922-32O1T	4304740116
Kerr McGEE	NBU 922-29J	4304740119
ConocoPhillips	Utah 17-1174	4300731418
EOG Res	NBU 672-25E	4304750028
XTO Energy	St of Ut 16-8-32-23D	4301530741
XTO Energy	St of Ut 16-8-31-43D	4301530742
Gasco Prod	Gate Cyn St 12-21-11-15	4301333858
Gasco Prod	State 42-32-9-19	4304739795
National Fuel	NFC Lindisfarne St 43-35	4304739852
EOG Resources	NBU 642-13E	4304750013
EOG Resources	NBU 640-13E	4304750014
EOG Resources	NBU 663-24E	4304750010
EOG Resources	NBU 661-24E	4304750011
Kerr McGEE	NBU 921-34MT	4304739402
Kerr McGEE	NBU 1022-25H	4304739033
Kerr McGEE	State 1022-25I	4304739034
Westport O&G	State 921-32N	4304737957
Westport O&G	State 921-32O	4304737958
EOG Resources	NBU 638-13E	4304750016

-Jim Davis



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 31, 2008

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: NBU 922-29J Well, 2383' FSL, 1736' FEL, NW SE, Sec. 29, T. 9 South, R. 22 East,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40119.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office
SITLA

Operator: Kerr-McGee Oil & Gas Onshore LP

Well Name & Number NBU 922-29J

API Number: 43-047-40119

Lease: ST UO 1207

Location: NW SE **Sec.** 29 **T.** 9 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 922-29J

Api No: 43-047-40119 Lease Type: STATE

Section 29 Township 09S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDDED:

Date 10/12/08

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by LEW WELDON

Telephone # (435) 828-7035

Date 10/13//08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740119	NBU 922-29J		NWSE	29	93	21	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	10/12/2008		10/27/08		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 10/12/2008 AT 8:00 AM.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

10/16/2008

Date

RECEIVED

OCT 16 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 1207
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383' FSL 1736' FEL		9. API NUMBER: 4304740119
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 9S 22E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: WELL SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE.
CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 10/12/2008 AT 0800 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE <i>Sheila Upchego</i>	DATE 10/16/2008

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304740119	NBU 922-29J	NWSE	29	9	22	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>C</i> <u>B</u>	99999	<u>2900</u>	10/12/2008	<u>10/28/08</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 10/12/2008 AT 8:00 AM.						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

10/16/2008

Date

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OCT 28 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 1207
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383' FSL, 1736' FEL		9. API NUMBER: 4304740119
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 9S 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES FIELD

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SET SURFACE CSG
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PROPETRO AIR RIG ON 10/13/2008. DRILLED 12 1/4" SURFACE HOLE TO 2430'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/220 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH OUT JOB 25+/- BBL CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE	DATE 10/24/2008

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

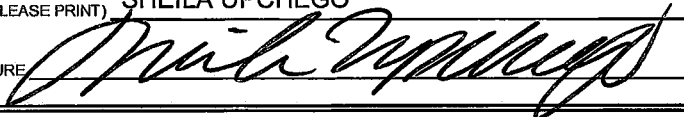
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO--1207
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383'FSL, 1736'FEL		9. API NUMBER: 4304740119
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 9S, 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: FINAL DRILLING OPERATIONS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2430' TO 9280' ON 12/06/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/424 SX PREM LITE II @11.5 PPG 2.82 YIELD. TAILED CMT W/1250 SX 50/50 POZ @14.3 PPG 1.31 YIELD DISPLACE W/143 BBLS DISPLACEMENT LOST CIRC AT START OF DISPLACEMENT 2300 PSI LIFT BUMP PLUG @3160 PSI FLOATS HELD. INSTALL PACKOFF ON HANGER TEST NIPPLE DOWN BOP CLEAN PITS.

RELEASED PIONEER RIG 38 ON 12/08/2008 AT 0900 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 12/9/2008

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DEC 10 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO--1207
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383'FSL, 1736'FEL		9. API NUMBER: 4304740119
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 9S, 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>PRODUCTION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>START-UP</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 12/31/2008 AT 12:00 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 1/2/2009

(This space for State use only)

RECEIVED
JAN 05 2009

Wins No.: 31031

NBU 922-29J

Well Operations Summary Long

Operator KERR-MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 10/13/2008	GL 4,923	KB 4939	ROUTE V24
API 4304740119	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.00637 / -109.46633		Q-Q/Sect/Town/Range: NWSE / 29 / 9S / 22E		Footages: 2,383.00' FSL 1,736.00' FEL	

Wellbore: NBU 922-29J

MTD	TVD	PBMD	PBTVD
-----	-----	------	-------

EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 10/13/2008	AFE NO.: 2025008
	OBJECTIVE: DEVELOPMENT	END DATE: 12/8/2008	
	OBJECTIVE 2: VERTICAL WELL	DATE WELL STARTED PROD.:	
	REASON: SURFACE FAC	Event End Status: COMPLETE	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 38 / 38	11/26/2008	11/26/2008	11/26/2008	11/28/2008	12/06/2008	12/08/2008	12/09/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation	
10/13/2008	SUPERVISOR: LEW WELDON							MD: 586
	15:00 - 0:00	9.00	DRLSUR	02		P	RIG DRILLED FROM 40'-570' HIT WATER FLOW DRILL TO 630' DA AT REPORT TIME	
10/14/2008	SUPERVISOR: LEW WELDON							MD: 916
	0:00 - 6:00	6.00	DRLSUR	02		P	RIG DRILLED TO 830' TOOH AND RIH OPEN ENDED TO 540'	
	6:00 - 9:00	3.00	DRLSUR	15		P	MIX AND PUMP 225 SKS @ 15.8# 1.15 5.0 GAL/SK SPOT 300' PLUG TO SQUEEZE WATER FLOW	
	9:00 - 17:00	8.00	DRLSUR	12	B	P	WAIT ON CEMENT	
	17:00 - 0:00	7.00	DRLSUR	02		P	RIH WITH TRI CONE AND DRILL OUT CEMENT WATER FLOW WAS SEALED OFF DA AT REPORT TIME 900'	
10/15/2008	SUPERVISOR: LEW WELDON							MD: 916
10/16/2008	SUPERVISOR: LEW WELDON							MD: 1,516
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1380'	
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1500'	
10/17/2008	SUPERVISOR: LEW WELDON							MD: 1,966
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1740'	
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1950'	
10/18/2008	SUPERVISOR: LEW WELDON							MD: 2,446
	0:00 - 4:00	4.00	DRLSUR	02		P	RIG T/D @ 2430' CONDITION HOLE 1 HR	
	4:00 - 7:00	3.00	DRLSUR	05		P	TRIP DP OUT OF HOLE	
	7:00 - 10:00	3.00	DRLSUR	11		P	RUN 2385' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG	
	10:00 - 11:30	1.50	DRLSUR	15		P	CEMENT 1ST STAGE WITH 220 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRU OUT JOB + - 25 BBL LEAD CMT TO PIT	

Wins No.: 31031		NBU 922-29J				API No.: 4304740119	
	10:00 - 11:30	1.50	DRLSUR	15	P	CEMENT 1ST STAGE WITH 220 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRU OUT JOB +- 25 BBL LEAD CMT TO PIT	
	11:30 - 12:00	0.50	DRLSUR	15	P	1ST TOP JOB 100 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC	
	12:00 - 13:00	1.00	DRLSUR	15	P	2ND TOP JOB 125 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
	13:00 - 13:00	0.00	DRLSUR			NO VISIBLE LEAKS PIT 75% FULL WORT	
11/25/2008	<u>SUPERVISOR:</u> LEW WELDON					<u>MD:</u> 2,446	
	12:00 - 0:00	12.00	RDMO	01	E	P	PREP F/MOVE
11/26/2008	<u>SUPERVISOR:</u> KENNY MORRIS					<u>MD:</u> 2,446	
	0:00 - 7:00	7.00	RDMO	01	E	P	PREP F/MOVE
	7:00 - 18:00	11.00	MIRU	01	A	P	MOVE RIG 14 MILES,W/12 TRUCKS-2 FORKLIFTS
	18:00 - 0:00	6.00	MIRU	01	B	S	SDFN
11/27/2008	<u>SUPERVISOR:</u> KENNY MORRIS					<u>MD:</u> 2,446	
	0:00 - 6:00	6.00	MIRU	01	A	P	SDFN
	6:00 - 0:00	18.00	MIRU	01	B	P	FINISH SETTING RIG IN,RELEASE JONES @NOON,RURT,100%MOVED 75% RIGGED UP
11/28/2008	<u>SUPERVISOR:</u> KENNY MORRIS					<u>MD:</u> 2,463	
	0:00 - 4:00	4.00	MIRU	01	B	P	RURT
	4:00 - 8:00	4.00	PRPSPD	13	A	P	NUBOP FUNCTION TEST,R/U FLARE & CHOKE LINES
	8:00 - 10:00	2.00	PRPSPD	06	D	P	CUT & SLIP DRLG LINE
	10:00 - 10:30	0.50	PRPSPD	17		P	PRE-SPUD INSPECTION,CHECK EQUIPMENT
	10:30 - 16:30	6.00	PRPSPD	13	C	P	TEST RAMS & CHOKE 5K,ANN 2.5K,CSG 1.5K
	16:30 - 21:00	4.50	PRPSPD	05	A	P	INSTALLWEARRING,R/U & P/U BHA AND DP
	21:00 - 23:30	2.50	PRPSPD	02	F	P	INSTALL ROT RUBBER,DRILL FE&CEMENT 2446'
	23:30 - 0:00	0.50	DRLPRO	02	B	P	DRILL NEW 7.875 F/2446 TO 2463'
11/29/2008	<u>SUPERVISOR:</u> KENNY MORRIS					<u>MD:</u> 4,397	
	0:00 - 0:30	0.50	DRLPRO	09	A	P	SURVEY@ 2393=1.25
	0:30 - 7:00	6.50	DRLPRO	02	B	P	DRILL F/2463 TO 3001',AVG 83 WT 9.5/33
	7:00 - 7:30	0.50	DRLPRO	09	A	P	SURVEY@ 2931=1.5
	7:30 - 14:00	6.50	DRLPRO	02	B	P	DRILL F/3001 TO 3635,AVG 98 WT 9.6/34
	14:00 - 14:30	0.50	DRLPRO	06	A	P	RIG SERVICE,TIGHTEN SWIVEL PACKING
	14:30 - 18:00	3.50	DRLPRO	02	B	P	DRILL F/3635 TO 3922,AVG 84 WT 9.7/35
	18:00 - 18:30	0.50	DRLPRO	09	A	P	SURVEY@3852=2

Wins No.: 31031		NBU 922-29J						API No.: 4304740119	
	18:30 - 0:00	5.50	DRLPRO	02	B	P	DRILL F/3922 TO 4397,AVG 86 WT 9.8/38		
11/30/2008	<u>SUPERVISOR:</u> KENNY MORRIS							<u>MD:</u> 5,900	
	0:00 - 9:00	9.00	DRLPRO	02	B	P	DRILL F/4397' TO 4998,,AVG 67 WT 10/42		
	9:00 - 9:30	0.50	DRLPRO	09	A	P	SURVEY@4928=1.5		
	9:30 - 15:00	5.50	DRLPRO	02	B	P	DRILL F/4998 TO 5412,AVG 75 WT 10.1/42		
	15:00 - 15:30	0.50	DRLPRO	06	A	P	RIG SERVICE		
	15:30 - 0:00	8.50	DRLPRO	02	B	P	DRILL F/5412 TO 5900,AVG 57 WT 10.2/40		
12/1/2008	<u>SUPERVISOR:</u> KENNY MORRIS							<u>MD:</u> 6,726	
	0:00 - 1:00	1.00	DRLPRO	02	B	P	DRILL F/5900 TO 5919,AVG 19 WT 10.2/40		
	1:00 - 1:30	0.50	DRLPRO	09	A	P	SURVEY@5849=2		
	1:30 - 16:00	14.50	DRLPRO	02	B	P	DRILL F/5919 TO 6490,AVG 40 WT10.3/42		
	16:00 - 16:30	0.50	DRLPRO	06	A	P	RIG SERVICE		
	16:30 - 22:30	6.00	DRLPRO	02	B	P	DRILL F/6490 TO 6726 ,,AVG 40 WT 10.4/42 3%LCM		
	22:30 - 0:00	1.50	DRLPRO	07	B	P	L/D KELLY CHANGE SWIVAL PACKING,CIRC W/HEAD & HOSE		
12/2/2008	<u>SUPERVISOR:</u> BRAD PEDERSEN							<u>MD:</u> 7,086	
	0:00 - 0:30	0.50	DRLPRO	07	B	S	FINISH SWIVEL PACKING REPAIR		
	0:30 - 11:30	11.00	DRLPRO	02	B	P	DRILL F/6726' TO 7063' (337' 30.6' HR) WT10.3/42		
	11:30 - 12:00	0.50	DRLPRO	04	C	P	MIX & PUMP PILL		
	12:00 - 18:00	6.00	DRLPRO	05	A	P	TOOH W/ BIT # 1 L/D BIT,MOTOR,IBS ,TIGHT 4510' TO 4429' ,3441' TO 3358' , 3028' TO 2924' ,10-30K		
	18:00 - 23:00	5.00	DRLPRO	05	A	P	P/U BIT #2 & NEW MUD MOTOR TIH ,FILL PIPE @ SHOE,NO PROBLEMS		
	23:00 - 0:00	1.00	DRLPRO	02	B	P	DRLG F/ 7063' TO 7086' (23' HR) WT		
12/3/2008	<u>SUPERVISOR:</u> BRAD PEDERSEN							<u>MD:</u> 7,945	
	0:00 - 14:00	14.00	DRLPRO	02	B	P	DRLG F/ 7086' TO 7564' (478'34.1' HR) WT 10.9/44		
	14:00 - 14:30	0.50	DRLPRO	06	A	P	RIG SERVICE		
	14:30 - 0:00	9.50	DRLPRO	02	B	P	DRLG F/ 7564' TO 7945' (381' 40.1' HR) WT 11.4/46		
12/4/2008	<u>SUPERVISOR:</u> BRAD PEDERSEN							<u>MD:</u> 8,707	
	0:00 - 15:00	15.00	DRLPRO	02	B	P	DRLG F/ 7945' TO 8454' (509' 33.9' HR) WT 11.5/46		
	15:00 - 15:30	0.50	DRLPRO	06	A	P	RIG SERVICE		
	15:30 - 0:00	8.50	DRLPRO	02	B	P	DRLG F/ 8454' TO 8707' (253' 29.7' HR) WT 12/49		
12/5/2008	<u>SUPERVISOR:</u> BRAD PEDERSEN							<u>MD:</u> 9,186	
	0:00 - 14:30	14.50	DRLPRO	02	B	P	DRLG F/ 8707' TO 8994' (287' 19.7' HR) WT12.2/45 7% LCM		

Wins No.: 31031		NBU 922-29J						API No.: 4304740119		
	0:00 - 14:30	14.50	DRLPRO	02	B	P	DRLG F/ 8707' TO 8994' (287' 19.7' HR) WT12.2/45 7% LCM			
	14:30 - 15:00	0.50	DRLPRO	06	A	P	RIG SERVICE			
	15:00 - 0:00	9.00	DRLPRO	02	B	P	DRLG F/ 8994' TO 9186' (192' 21.3' HR) WT 12.2/44/7% LCM			
12/6/2008	SUPERVISOR: BRAD PEDERSEN						MD: 9,280			
	0:00 - 5:30	5.50	DRLPRO	02	B	P	DRLG F/ 9186' TO 9280' TD @ 05:30 12/6/2008 ,WT 12.3/43/7% LCM			
	5:30 - 7:00	1.50	DRLPRO	04	C	P	CIRC F/ SHORT TRIP			
	7:00 - 7:30	0.50	DRLPRO	06	A	P	RIG SERVICE			
	7:30 - 17:00	9.50	DRLPRO	07	A	Z	BROKE DRUM CHAIN IN DRAW WORKS,REPLACE CHAIN			
	17:00 - 19:30	2.50	DRLPRO	05	E	P	SHORT TRIP TO 7000' NO PROBLEMS			
	19:30 - 21:30	2.00	DRLPRO	04	C	P	CIRC F/ LDDP,SAFETY MEETING W/ TESCO & R/U LAY DOWN MACHINE,PUMP PILL,DROP SURVEY			
	21:30 - 0:00	2.50	DRLPRO	05	A	P	LDDP			
12/7/2008	SUPERVISOR: BRAD PEDERSEN						MD: 9,280			
	0:00 - 8:30	8.50	DRLPRO	05	A	P	LDDP,BREAK KELLY,L/D BHA,PULL WEAR RING			
	8:30 - 16:00	7.50	DRLPRO	10	C	P	SAFETY MEETING W/ HALLIBURTON R/U & RUN QUAD COMBO TO 9279' NO PROBLEMS,R/D LOGGERS			
	16:00 - 23:30	7.50	DRLPRO	11	B	P	SAFETY MEETING W/ TESCO R/U & RUN 219 JTS 4.5,11.6,I-80 CSG, LAND CSG ON FLUTED HANGER @ 9271'			
	23:30 - 0:00	0.50	DRLPRO	04	E	P	CIRC F/ CEMENT			
12/8/2008	SUPERVISOR: BRAD PEDERSEN						MD: 9,280			
	0:00 - 1:30	1.50	DRLPRO	04	E	P	CIRC F/ CEMENT, R/D CASERS ,LOST 150 BBLS			
	1:30 - 5:00	3.50	DRLPRO	15	A	P	SAFETY MEETING W/ BJ SERVICES R/U & PUMP 20 BBLS MUD CLEAN,20 SX SCAVENGER,424 SX LEAD,1250 SX TAIL, 143 BBLS DISPLACEMENT,LOST CIRC @ START OF DISPLACEMENT 2300 PSI LIFT,BUMPED PLUG @ 3160 PSI,FLOATS HELD,R/D CEMENTERS			
	5:00 - 9:00	4.00	DRLPRO	13	A	P	INSTALL PACKOFF ON HANGER & TEST,NIPPLE DOWN BOP,CLEAN PITS,RELEASE RIG @ 09:00 12/8/2008 TO NBU 1022-5I-4			

Wins No.: 31031		NBU 922-29J		API No.: 4304740119			
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 12/18/2008			
		OBJECTIVE: DEVELOPMENT		END DATE:			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:			
		REASON: MV		Event End Status:			
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start		
		Finish Drilling	Rig Release	Rig Off Location			
MILES 3 / 3							
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
12/18/2008	<u>SUPERVISOR:</u> DOUG CHIVERS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HSM. TRIPPING PIPE
	7:30 - 13:00	5.50	COMP	41	A	P	MIRU RIG & SPOT EQUIPMENT. ND WELL HEAD NU BOP. MIRU CUTTERS TO LOG. PU CBL TOOLS. RIH TO 9,165' & LOG TO SURFACE. POOH W/ WIRE LINE.
	13:00 - 17:00	4.00	COMP	31	I	P	PU 3 7/8" MILL & SUB. DRIFT & TALLY RIH W/ 162 JTS. LD 2 JTS TO DROP WELL HEAD WATER LEVEL. WINTER IZE WELL HAEAD. SWI SDFN.
12/19/2008	<u>SUPERVISOR:</u> DOUG CHIVERS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HSM. TESTING & PERFORATING
	7:30 - 15:00	7.50	COMP	37	B	P	RIH W/ 2 3/8" J-55 TBG FROM 5,650' TO 7,191'. POOH W/ TBG. W/ 228 JTS. ND BOP NU FRAC VALVES. MIRU B&C QUICK TEST. PRESSURE TEST CASING & BOTH FRAC VALVES TO 7,500 PSI. MIRU CUTTERS TO PERFORATE STAGE 1. PU 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. PERF 9,096' - 9,100' 4SPF, 9,020' - 24' 3 SPF, 8,969' - 71' 3SPF, 8,910' - 12' 3SPF, 40 HOLES. POOH W/ WIRE LINE. WINTERIZE WELL HEAD. SDFWE.
12/22/2008	<u>SUPERVISOR:</u> BRAD BURMAN						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HLD BJ'S JSA
	7:30 - 7:30	0.00	COMP	36	E	P	[DAY 3] 7AM MIRU BJ & CUTTERS. P.T. SURFACE LINES TO 8500#.
	[STG#1] WE-SICP=1837#. BRK DN PERFS @ 3903# @ 6 BPM. ISIP=2840, FG=.76. BULLHEAD 3 BBLS 15% HCL. CALC ALL PERFS OPEN. PMP'D 4076 BBLS SLK WTR & 140,853# 30/50 SAND W/ 5000# R.C. SAND TAIL. ISIP=2925, FG=.77, NPI=85, MP=6624, MR=62, AP=6246, AR=60 BPM. PMP'D 2 SWEEPS.						
	[STG#2] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 8885'. PERF THE M.V. @ 8692'-8696', 8757'-8760' & 8851'-8858' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 120* PHS, 3 SPF, [42 HLS] WHP=2685, BRK DN PERFS @ 2957 @ 6 BPM. ISIP=2731, FG=.75. CALC ALL PERFS OPEN. PMP'D 2412 BBLS SLK WTR & 91,933# 30/50 SD W/ 5000# R.C. @ TAIL. ISIP=2820, FG=.76, NPI=89, MP=6231, MR=55, AP=5643, AR=54 BPM. PMP'D 1 SWEEP.						
	6 PM SWI-SDFN. FREEZE PROTECT W.H. PREP TO FRAC STG'S 3 THRU 7 IN AM.						
12/23/2008	<u>SUPERVISOR:</u> BRAD BURMAN						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HLD BJ JSA

7:30 - 19:00 11.50 COMP 36 P 7AM [DAY 4]

[STG#3] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 8660'. PERF THE M.V. @ 8547'-8550', & 8633'-8640' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WHP=2350#. P.T. SURFACE LINES TO 8500#. BRK DN PERFS @ 4294 @ 6 BPM. ISIP=3456, FG=.84, CALC ALL PERFS OPEN. PMP'D 1997 BBLs SLK WTR & 71,089# 30/50 SAND W/ 0# R.C. SAND @ TAIL. ISIP=3022, FG=.79, NPI=-434, MP=6870, MR=52, AP=5797, AR=50 BPM. CUT SAND EARLY. WANTING TO S/O. GOT FLUSHED OK. PMP'D 1 SWEEP.

[STG#4] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 8462'. PERF THE M.V. @ 8292'-8298', 3 SPF, 120° PHS, 8368'-8370', 4 SPF, 90° PHS, & 8434'-8438', 3 SPF, 120° PHS, [38 HLS] USING 3-3/8" EXP GUNS, 23 GM, 0.36. WHP=2007#. BRK DN PERFS @ 3118# @ 5 BPM. ISIP=2118, FG=.70. CALC ALL PERFS OPEN. PMP'D 5118 BBLs SLK WTR & 198,744# 30/50 SAND W/ 5000# R.C. SAND @ TAIL. ISIP=2440, FG=.73, NPI=322, MP=6243, MR=56, AP=5161, AR=55 BPM. PMP'D 2 SWEEPS.

[STG#5] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 8244'. PERF THE M.V. @ 8010'-8012', 8140'-8144', & 8210'-8214' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WAIT ON BJ 2+ HRS FOR FUEL. WHP=1862#. BRK DN PERFS @ 3177# @ 5 BPM. ISIP=2277, FG=.72. CALC 26/40 PERFS OPEN. PMP'D 5550 BBLs SLK WTR & 217,469# 30/50 SAND W/ 5000# R.C. SAND @ TAIL. ISIP=2556, FG=.76, NPI=279, MP=5801, MR=58, AP=5258, AR=57 BPM. PMP'D 2 SWEEPS.

7PM SWI-SDFN. PREP TO FRAC STG'S 6 & 7 IN AM & RIH TO KILL PLUG.

12/24/2008

SUPERVISOR: BRAD BURMAN

MD:

7:00 - 7:30 0.50 COMP 48

P HLD BJ JSA

7:30 - 17:00 9.50 COMP 36

P 7AM [DAY 5] CUTTERS FOUGHT FROZEN LUBRICATOR.-- HEAT TAPE GOT UNPLUGGED. -15° THIS AM.

[STG#6] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7860'. PERF THE M.V. @ 7686-7690 & 7824-7830 USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WHP=1340#. P.T. SURFACE LINES TO 7900#. BRK DN PERFS @ 2465# @ 3 BPM. ISIP=1987, FG=.70. CALC ALL PERFS OPEN. PMP'D 2218 BBLs SLK WTR & 76,922# 30/50 SAND W/ 0# R.C. SAND @ TAIL. ISIP=2330, FG=.74, NPI=343, MP=4631, MR=52, AP=4392, AR=51 BPM. CUT SAND EARLY, KEPT LOSING SUCTION. 34K SHORT ON SAND FOR THIS STG DESIGN. GOT FLUSHED OK--BARELY

[STG#7] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7532'. PERF THE M.V. @ 7322'-7326', 7464'-7468' & 7500'-7502' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WHP=770#. BRK DN PERFS @ 2654# @ 3 BPM. ISIP=1987, FG=.70. CALC ALL PERFS OPEN. PMP'D 1132 BBLs SLK WTR & 43526# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2270, FG=.75, NPI=258, MP=5849, MR=55, AP=5016, AR=55 BPM.

[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 7272'. POOH & L/D W.L. TOOLS. RDMO CUTTERS & BJ. GRND TOTAL 30/50 & R.C. SD= 840,536# & TOTAL FLUID=22,503 BBLs. N/D FRAC VALVES, NUBOP. FREEZE PROTECT WELL HEAD.

5 PM SWI-SDF-HOL. PREP TO DRILL OUT 7 CBP'S FRIDAY 12/26/08

12/26/2008

SUPERVISOR: GARTH McCONKIE

MD:

7:00 - 7:15 0.25 COMP 48

P DAY 6 - JSA & SM #6

7:15	- 17:30	10.25	COMP	44	C	P	<p>WHP = 0 PSI. THAW OUT WELLHEAD & SLIPS. P/U 3 7/8" BIT, POBS & XN NIPPLE. RIH ON 228 JTS 2 3/8" TBG TO 7191'. CBP #1 @ 7272'. R/U PWR SWVL & PMP. EST. CIRC. W/2% KCL WTR. P/T BOP TO 3000 PSI. TAG FILL @ 7232'. C/O 40' OF SND.</p> <p>CBP #1) DRLG OUT BAKER 8K CBP @ 7272' IN 20 MIN. 200 PSI DIFF. RIH TAG FILL @ 7502'. C/O 30' OF SND. FCP = 50 PSI.</p> <p>CBP #2) DRLG OUT BAKER 8K CBP @ 7532' IN 10 MIN. 800 PSI DIFF. RIH TAG FILL @ 7830'. C/O 30' OF SND. FCP = 150 PSI.</p> <p>CBP #3) DRLG OUT BAKER 8K CBP @ 7860' IN 8 MIN. 300 PSI DIFF. RIH TAG FILL @ 8214'. C/O 30' OF SND. FCP = 250 PSI.</p> <p>CBP #4) DRLG OUT BAKER 8K CBP @ 8244' IN 10 MIN. 100 PSI DIFF. RIH TAG FILL @ 8432'. C/O 30' OF SND. FCP = 250 PSI.</p> <p>CBP #5) DRLG OUT BAKER 8K CBP @ 8462' IN 12 MIN. 200 PSI DIFF. RIH TAG FILL @ 8640'. C/O 20' OF SND. FCP = 300 PSI.</p> <p>CBP #6) DRLG OUT BAKER 8K CBP @ 8660' IN 10 MIN. 100 PSI DIFF. RIH TAG FILL @ 8860'. C/O 25' OF SND. FCP = 350 PSI.</p> <p>CBP #7) DRLG OUT BAKER 8K CBP @ 8885' IN 10 MIN. 100 PSI DIFF. RIH TAG FILL @ 0000'. PBTD @ 9228'. C/O 120' OF SND. CIRC WELL CLEAN W/2% KCL WTR. FCP = 350 PSI.</p> <p>R/D PWR SWVL. R/U TBG EQUIP. L/D 18 JTS TBG ON FLOAT. (24 JTS TBG TOTAL ON FLOAT). LAND TBG ON HANGER W/275 JTS NEW 2 3/8" 4.7# J55 TBG. EOT @ 8680.24'. POBS & XN NIPPLE @ 8678.04'.</p> <p>R/D FLOOR & TBG EQUIP. N/D BOP, DROP BALL, NUWH. PMP OFF BIT @ 0000 PSI. WAIT 30 MIN FOR BIT TO FALL TO BTM.</p> <p>OPEN WELL TO F.B.T. ON 20 CHOKE. SICP = 2050 PSI. FTP = 000 PSI.</p> <p>17:30 - TURN WELL TO F.B.C. LTR = 21,300 BBLS.</p>
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12/27/2008	<u>SUPERVISOR:</u> DEVAN COOK					<u>MD:</u>
	7:00 -		33	A		7 AM FLBK REPORT: CP 1900#, TP 1675#, 20/64" CK, 75 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 2490 BBLS LEFT TO RECOVER: 20210
12/28/2008	<u>SUPERVISOR:</u> DEVAN COOK					<u>MD:</u>
	7:00 -		33	A		7 AM FLBK REPORT: CP 1700#, TP 1875#, 20/64" CK, 70 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 4285 BBLS LEFT TO RECOVER: 18415
12/29/2008	<u>SUPERVISOR:</u> DEVAN COOK					<u>MD:</u>
	7:00 -		33	A		7 AM FLBK REPORT: CP 1550#, TP 1975#, 20/64" CK, 70 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 6071 BBLS LEFT TO RECOVER: 16629
12/30/2008	<u>SUPERVISOR:</u> DEVAN COOK					<u>MD:</u>
	7:00 -		33	A		7 AM FLBK REPORT: CP 1700#, TP 2250#, 20/64" CK, 58 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 7580 BBLS LEFT TO RECOVER: 15120
12/31/2008	<u>SUPERVISOR:</u> DEVAN COOK					<u>MD:</u>
	7:00 -		33	A		7 AM FLBK REPORT: CP 3050#, TP 2250#, 20/64" CK, 47 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 8823 BBLS LEFT TO RECOVER: 13877

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME UNIT #891008900A	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: NBU 922-29J	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304740119	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2383'FSL, 1736'FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 9S, 22E	
		12. COUNTY UINTAH	
		13. STATE UTAH	

14. DATE SPUNDED: 10/12/2008	15. DATE T.D. REACHED: 12/6/2008	16. DATE COMPLETED: 12/31/2008	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 4923'GL
18. TOTAL DEPTH: MD 9,280 TVD	19. PLUG BACK T.D.: MD 9,228 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL-CCL-GR <u>BCS, SD, DSN, ACTR</u>	23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)
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24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 J-55	36#		2,430		645			
7 7/8"	4 1/2 I-80	11.6#		9,280		1674			

25. TUBING RECORD								
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8.680							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) MESAVERDE	7,322	9,100			7,322 9,100	0.36	280	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) <u>WSMVD</u>								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7322'-9100'	PMP 22,503 BBLS SLICK H2O & 840,536# 30/50 SD

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____	30. WELL STATUS: PROD
---	------------------------------

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JAN 27 2009
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/31/2008		TEST DATE: 1/10/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 20	GAS – MCF: 2,366	WATER – BBL: 480	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64	TBG. PRESS. 523	CSG. PRESS. 3,616	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 20	GAS – MCF: 2,366	WATER – BBL: 480	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,403				
BIRDS NEST	1,673				
MAHOGANY	2,179				
WASATCH	4,609	7,077			
MESAVERDE	7,132	9,147			

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 1/20/2009

This report must be submitted within 30 days of

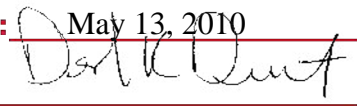
- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 1207
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383 FSL 1736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 29 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401190000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/14/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH/MESAVERDE FORMATIONS WITH THE EXISTING MESAVERDE. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.		
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining Date: May 13, 2010 By:  </div>		
NAME (PLEASE PRINT) Andy Lytle		PHONE NUMBER 720 929-6100
SIGNATURE N/A		TITLE Regulatory Analyst
DATE 5/13/2010		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047401190000

Authorization: Board Cause No. 173-14.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 13, 2010
By: Dan K. Quist

Greater Natural Buttes Unit



NBU 922-29J
RE-COMPLETIONS PROCEDURE

DATE:5/10/10
AFE#:2044618

COMPLETIONS ENGINEER: Jared Klostermann, Denver, CO
(307)-259-8366 (Cell)
(720)-929-6541 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

RECEIVED May 13, 2010

Name: NBU 922-29J
Location: NW SE Section 29 T9S R22E
Uintah County, UT
Date: **5/10/10**

ELEVATIONS: 4920' GL 4936' KB

TOTAL DEPTH: 9280' **PBTD:** 9227'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2401'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 9271'
Marker Joint **4523-4544'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1403' Green River Top
1673' Bird's Nest Top
2179' Mahogany Top
4609' Wasatch Top
7124' Mesaverde Top

BOTTOMS:

7124' Wasatch Bottom
9280' Mesaverde Bottom (TD)

Estimated T.O.C. from CBL @ 2300'

GENERAL:

- A minimum of **13** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 12/7/08.
- **5** fracturing stages required for coverage.
- Procedure calls for **6** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.

RECEIVED May 13, 2010

- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40 mesh **curable resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~8881'
- Originally completed on 12/22/08.

Existing Perforations:

Formation	Top	Bottom	SPF	Holes
MESAVERDE	7,322	7,326	4	16
MESAVERDE	7,464	7,468	4	16
MESAVERDE	7,500	7,502	4	8
MESAVERDE	7,686	7,690	4	16
MESAVERDE	7,824	7,830	4	24
MESAVERDE	8,010	8,012	4	8
MESAVERDE	8,140	8,144	4	16
MESAVERDE	8,210	8,214	4	16
MESAVERDE	8,292	8,298	3	18
MESAVERDE	8,368	8,370	4	8
MESAVERDE	8,434	8,438	3	12
MESAVERDE	8,547	8,550	4	12
MESAVERDE	8,633	8,640	4	28
MESAVERDE	8,692	8,696	3	12
MESAVERDE	8,757	8,760	3	9
MESAVERDE	8,851	8,858	3	21
MESAVERDE	8,910	8,912	3	6
MESAVERDE	8,969	8,971	3	6
MESAVERDE	9,020	9,024	3	12
MESAVERDE	9,096	9,100	4	16

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~8881'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
3. If tb g looks ok consider running a gauge ring to 7330' (50' below proposed CBP). Otherwise P/U a mill and C/O to 7330' (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7280'. Pressure test BOP and casing to 6200 psi.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	7156	7160	4	16
MESAVERDE	7230	7234	4	16
MESAVERDE	7248	7250	4	8
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7156' and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: Pump Stage 1 at 40 bpm. Tight spacing on Stage 1, overflush by 5 bbls.**
7. Set 8000 psi CBP at ~7107'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6982	6988	4	24
WASATCH	7073	7077	4	16
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6982' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~6931'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6777	6779	4	8
WASATCH	6796	6800	4	16
WASATCH	6897	6901	4	16
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6777' trickle 250gal 15%HCL w/ scale inhibitor in flush.
11. Set 8000 psi CBP at ~6350'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6310	6320	4	40
12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6310' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
13. Set 8000 psi CBP at ~5190'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5150	5160	4	40
14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5150' and flush only with recycled water.
15. Set 8000 psi CBP at ~5100'.
16. TIH with 3 7/8" mill, POBS, SN and tubing.

17. Mill plugs and cleanout to PBTD at ~9227'. Land tubing at $\pm 8662'$ and pump off bit sub. This well will be commingled at this time.
18. ND BOPS & NU WH. RDMO.
19. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

**For design questions, please call
Jared Klostermann, Denver, CO
(307)-259-8366 (Cell)
(720)-929-6541 (Office)**

**For field implementation questions, please call
Jeff Samuels, Vernal, UT
435-781-7046 (Office)**

NOTES:

Tight spacing on Stage 1, overflush by 5 bbls.

Pump Stage 1 at 40 bpm.

Perforation and CBP Summary

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Slickwater Frac

Recomplete?	Y
Pad?	N
ACTS?	N

Swabbing Days	0	Enter Number of swabbing days here for reCompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

[illegible]

RECEIVED May 13, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO-1207
b. TYPE OF WORK:		NEW WELL <input type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
				DIFF. RESVR. <input checked="" type="checkbox"/>	OTHER RECOMPLETION	7. UNIT or CA AGREEMENT NAME UTU 63047A
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP						8. WELL NAME and NUMBER: NBU 922-29J
3. ADDRESS OF OPERATOR: P.O. BOX 173779 CITY DENVER STATE CO ZIP 80217				9. API NUMBER: 4304740119		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NWSE 2383 FSL & 1736 FEL				10 FIELD AND POOL, OR WILDCAT NATURAL BUTTES		
AT TOP PRODUCING INTERVAL REPORTED BELOW:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 9S 22E		
AT TOTAL DEPTH:				12. COUNTY UINTAH 13. STATE UTAH		

14. DATE SPURRED: 10/12/2008	15. DATE T.D. REACHED: 12/6/2008	16. DATE COMPLETED: 6/11/2010	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 4923' GL
18. TOTAL DEPTH: MD 9,280 TVD	19. PLUG BACK T.D.: MD 9,228 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL-CCL-GR-BCS-SD-DSN-ACTR			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 J-55	36#		2,430		645			
7 7/8"	4 1/2 I-80	11.6#		9,280		1674			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,673							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	5,150	7,077			5,150 7,077	0.36	160	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	7,156	7,250			7,156 7,250	0.36	40	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,150-7,077	PMP 3,077 BBLS SLICK H2O & 129,035 LBS 30/50 SD.
7,156-7,250	PMP 2,868 BBLS SLICK H2O & 101,769 LBS 30/50 SD.

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

PROD

RECEIVED
JUL 14 2010
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 6/11/2010		TEST DATE: 6/13/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,762	WATER – BBL: 140	PROD. METHOD: FLOWING
CHOKE SIZE: 30/64	TBG. PRESS. 168	CSG. PRESS. 891	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,762	WATER – BBL: 140	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,403				
MAHOGANY	2,179				
WASATCH	4,609	7,077			
MESAVERDE	7,132	9,147			

35. ADDITIONAL REMARKS (Include plugging procedure)

ATTACHED IS THE RECOMPLETION CHRONOLOGICAL WELL HISTORY.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) ANDY LYTLETITLE REGULATORY ANALYSTSIGNATURE DATE 7/7/2010

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-29J			Spud Conductor: 10/12/2008			Spud Date: 10/13/2008		
Project: UTAH-UINTAH			Site: NBU 922-29J			Rig Name No: GWS 1/1		
Event: RECOMPL/RESEREVEADD			Start Date: 6/1/2010			End Date: 6/8/2010		
Active Datum: RKB @4,939.00ft (above Mean Sea Leve			UWI: NBU 922-29J					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/1/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, WEARING SEAT BELT WHILE DRIVING
	6:45 - 15:30	8.75	COMP	31	I	P		ROAD RIG FROM BON 1023-7JT, MIRU, KILL WELL. ND WH, NU BOPS, RU FLOOR & TBG EQUIP, UPLAND TBG & POOH TBG LOOKED GOOD LIGHT SCALE FROM 30' - 1,200' & FROM 7,320' - 8,655', 1 BAD JT @ 8,528 LAYED DOWN WOULDNT BROACH, RD FLOOR, ND BOPS, NU FRAC VALVE FOR PRESSURE TEST & 1ST PERF IN AM. PUT WELL THRU UNIT TO SELL, SDFN.
6/2/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, WORKING AROUND WIRE LINE
	6:45 - 14:30	7.75	COMP	34	H	P		RU CASD HOLE, RUN GAUGE RING TO 7,330', SET 10K KILL PLUG @ 7,280', PRESSURE TEST CSG TO 6,280 PSI.
								PERFORATE ZONE 1.
								PU 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. RIH & PERF ZONES 7,248' - 50' 4SPF 8 HOLES, 7,230' - 34' 4SPF 16 HOLES, 7,156' - 60' 4SPF 16 HOLES, TOTAL 40 HOLES. POOH W/ WIRE LINE. PREP TO FRAC IN AM.
6/3/2010	7:00 - 7:15	0.25	COMP	48		P		HSM, BACKING IN FRAC AROUND GUY WIRES
	7:15 - 15:00	7.75	COMP	36		P		PREP FOR FRACING W/ SUPERIOR WHEN FINISHED W/ BON 1023-8A PAD, FILLING SAND MASTER W/ SAND, WAIT ON SUPERIOR, SUPPOSE TO BE READY TO @ 12:00 - 13:00 HRS STILL NOT ON LOCATION OR RIGGED UP, SHOULD BE READY TO FRAC IN AM. SWI SDFN
6/4/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, MAX PRESS 6,200 PSI, STAY AWAY FROM LINES WHILE PUMPING & TESTING.
	7:30 - 10:15	2.75	COMP	36	B	P		[STAGE 1] RU SUPERIOR PRIME UP PUMPING LINE & PRESS TEST SRFACE LINES TO 7,200 PSI. WHP= 1,360 PSI, BRK@ 3,080 PSI @ 9.3 BPM, ISIP 2,461 PSI, FG .78. PUMP 100 BBLS @ 39.9 BPM 3,596 PSI,= 100% PERFS OPEN. PRESSURE STARTED CLIMBING CUT 30/50 SAND SHORT BY 12,140#, PUMPED 4,399 # OF RESIN, SCREENED OUT W/ 25 BBLS OF FLUSH IN, APPROX 8,700# OF SAND LEFT IN WELL BORE FLOWED BACK FOR 15 MINUTES, SAND CLEANED UP, FLUSHED W/ 116 BBLS. MP 6,386 PSI MR 42.6 BPM, AP 3,635 PSI AR 38.1 BPM, ISIP 2473 PSI, FG.78. NPI 12 PSI, PMPD 2,868 BBLS SW & 93,066 LBS OF 30/50 SND & 0 LBS OF RESIN SND. TOTAL PROP 101,769 LBS.

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-29J	Spud Conductor: 10/12/2008	Spud Date: 10/13/2008
Project: UTAH-UINTAH	Site: NBU 922-29J	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 6/1/2010	End Date: 6/8/2010
Active Datum: RKB @4,939.00ft (above Mean Sea Leve) UWI: NBU 922-29J		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:15 - 11:30	1.25	COMP	36	B	P		[STAGE 2] PU 4 1/2" CBP & 3 1/8 EXP GUNS, 23 GRM, .36" HOLES, 90 DEG PHASING SET 8K HALI BURTON CBP @ 7,107' & PERF WASATCH @ 7,073'-77' 4 SPF 16 SHOTS, 6,982'-88' 4 SPF 24 SHOTS, TOTAL 40 HOLES. WHP= 865 PSI , BRK @ 2,911 PSI @ 3.1 BPM, ISIP 1,982 PSI , FG .72. PUMP 100 BBLS @ 48.8 BPM @ 4,501 PSI, = 63% PERFS OPEN. MP 4,826 PSI MR 50.4 BPM, AP 4,504 PSI, AR 48.5 BPM, ISIP 2,341 PSI, FG .77. NPI 359 PSI, PMPD 814 BBLS SW & 25,936 LBS OF 30/50 SND & 5,000 LBS OF RESIN SAND. TOTAL PROP 30,936 LBS.
	11:30 - 13:00	1.50	COMP	36	B	P		[STAGE 3] PU 4 1/2" CBP & 3 1/8 EXP GUNS, 23 GRM, .36" HOLES, 90 DEG PHASING SET 8K HALI BURTON CBP @ 6,931' & PERF WASATCH @ 6,897'-6,901' 4 SPF 16 SHOTS, 6,796'-6,800' 4 SPF 16 SHOTS, 6,777'-79' 4 SPF 8 SHOTS TOTAL 40 HOLES. WHP= 534 PSI , BRK @ 2,727 PSI @ 2.7 BPM, ISIP 1,990 PSI , FG .73. PUMP 100 BBLS @ 48.7 BPM @ 4,327 PSI, = 67% PERFS OPEN. MP 4,706 PSI MR 49.7 BPM, AP 4,250 PSI, AR 48.5 BPM, ISIP 2,052 PSI, FG .74. NPI 62 PSI, PMPD 730 BBLS SW & 23,122 LBS OF 30/50 SND & 5,000 LBS OF RESIN SAND. TOTAL PROP 28,122 LBS.
	13:00 - 14:00	1.00	COMP	36	B	P		[STAGE 4] PU 4 1/2" CBP & 3 1/8 EXP GUNS, 23 GRM, .36" HOLES, 90 DEG PHASING SET 8K HALI BURTON CBP @ 6,350' & PERF WASATCH @ 6,310'-20' 4 SPF 40 SHOTS, TOTAL 40 HOLES. AFTER SHOOTING ZONE WHP WENT FROM 1600PSI TO 500 PSI. WHP= 3 PSI , BRK @ 944 PSI @ 1.7 BPM, ISIP 593 PSI , FG .53. PUMP 100 BBLS @ 49.2 BPM @ 2,917 PSI, = 65% PERFS OPEN. MP 3,452 PSI MR 49.4 BPM, AP 3,192 PSI, AR 48.9 BPM, ISIP 1,347 PSI, FG .65. NPI 754 PSI, PMPD 723 BBLS SW & 23,381 LBS OF 30/50 SND & 5,000 LBS OF RESIN SAND. TOTAL PROP 28,381 LBS.
	14:00 - 17:00	3.00	COMP	36	B	P		[STAGE 5] PU 4 1/2" CBP & 3 1/8 EXP GUNS, 23 GRM, .36" HOLES, 90 DEG PHASING SET 8K HALI BURTON CBP @ 5,190' & PERF WASATCH @ 5,150'-60' 4 SPF 40 SHOTS, TOTAL 40 HOLES. WHP= 0 PSI , BRK @ 368 PSI @ 3.6 BPM, ISIP 54 PSI , FG .45. PUMP 100 BBLS @ 49.6 BPM @ 2,334 PSI, = 63% PERFS OPEN. MP 2,777 PSI MR 49.8 BPM, AP 2,509 PSI, AR 49.2 BPM, ISIP 1,180 PSI, FG .67. NPI 1,126 PSI, PMPD 810 BBLS SW & 36,596 LBS OF 30/50 SND & 5,000 LBS OF RESIN SAND. TOTAL PROP 41,596 LBS. TOTAL FOR JOB WATER 5,945 BBLS // SAND 191,196# IN HOLE, TOTAL W/ SCREEN OUT 199,899# SET KILL PLUG @ 5,100'. RD WIRE LINE & FRAC CREW.

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-29J	Spud Conductor: 10/12/2008	Spud Date: 10/13/2008
Project: UTAH-UINTAH	Site: NBU 922-29J	Rig Name No: GWS 1/1
Event: RECOMPL/RESERVEADD	Start Date: 6/1/2010	End Date: 6/8/2010
Active Datum: RKB @4,939.00ft (above Mean Sea Level) UWI: NBU 922-29J		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/7/2010	17:00 - 18:00	1.00	COMP	30	F	P		RD FLOOR, ND FRAC VALVE, NU BOPS, RU FLOOR & TONGS TO RIH W/ TBG MONDAY FOR DRILL OUT. SWI SDFN.
	6:30 - 6:45	0.25	COMP	48		P		HSM, TRIPPING & DRILLING PLUGS.
	6:45 - 8:30	1.75	COMP	31	I	P		TIH TO KILL PLUG TAG @ 5,100' FILL TBG & BREAK CIRC CONVENTIONAL W/ TMAC, PRESS TEST 2500 PSI, DRILL KILL PLUG @ 5,100' // 5 MIN WELL WENT ON VACUMN, RU AIR FOAM & N2 UNIT BREAK CIRC.
	8:30 - 16:30	8.00	COMP	44	C	P		CSG PRESS 0 PSI, BREAK CIRC W/ AIR FOAM & N2, 1 1/2 HRS START DRLG PLUGS.
6/8/2010								C/O 30' SAND, TAG 2ND PLUG @ 5,190' DRL PLUG IN 9 MIN. 200 PSI INCREASE RIH.
								C/O 40' SAND, TAG 3RD PLUG @ 6,350' DRL PLUG IN 8 MIN. 75 PSI INCREASE RIH.
								C/O 30' SAND, TAG 4TH PLUG @ 6,931' DRL PLUG IN 10 MIN. 0 PSI INCREASE RIH.
								C/O 40' SAND, TAG 5TH PLUG @ 7,107' DRL PLUG IN 8 MIN. 300 PSI INCREASE RIH.
								C/O 30' SAND, TAG 6TH PLUG @ 7,280' DRL PLUG IN 8 MIN. 0 PSI INCREASE RIH.
								WELL WENT ON VACUMN WHEN ISOLATION PLUG WAS DRILLED.
								N2 UNIT BROKE DOWN SHUT PIPE RAMS LEFT OPEN TO FBT, TURNED OVER TO FB CREW TO WATCH OVER NIGHT.
								WILL RUN IN HOLE TO PBTD IN AM, SDFN.
								TWTR= 6,465 BBLS
								TWR= 520 BBLS
								TWLTR= 5,945 BBLS
								HSM, LANDING TBG

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-29J	Spud Conductor: 10/12/2008	Spud Date: 10/13/2008
Project: UTAH-UINTAH	Site: NBU 922-29J	Rig Name No: GWS 1/1
Event: RECOMPL/RESERVEADD	Start Date: 6/1/2010	End Date: 6/8/2010
Active Datum: RKB @4,939.00ft (above Mean Sea Level) UWI: NBU 922-29J		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:45 - 16:30	9.75	COMP	31	I	P		WELL STARTED FLOWING @ 19:00 HRS CSG 175 PSI, TIH TAG @ 8,630', RU POWER SWIVEL CLEAN OUT SCALE TO 8,670' W/ RIG PUMP WELL STILL FLOWING, INSTALL STRING FLOAT STARTED AIR FOAM & N2 FOR CLEAN OUT SCALE FROM 8,670' - 8,705' FELL FREE, RIH TAG @ 9,070' (30' ABOVE BTM PERF), CLEAN OUT SCALE & SAND FROM 9,070' - 9,209' W/ AIR FOAM & N2, W/ 292 JTS 2 3/8" J-55 TBG, CIRC FOR 30 MIN, KILL TBG W/ 20 BBLs, LD 18 JTS & LAND TBG W/ 275 JTS J-55 @ 8,673.59 EOT 8,673.59', SN @ 8,671.57'
								RD FLOOR, ND BOPS, NU WH, DROP BALL TO SHEAR OFF BIT W/ 2,600 PSI.
								TURN OVER TO FLOW BACK CREW. SICP 925 PSI // FTP 350 PSI
								KB= 16' 4 1/16 HANGER= .83' 275 JTS 2 3/8 J-55 = 8,654.56' POBS= 2.20' EOT @ 8,673.59' SN @ 8,671.57'
	7:00 -			33	A			RDMO TO NBU 922-29NT. 7 AM FLBK REPORT: CP 175#, TP 0#, OPEN/64" CK, 78 BWPH, HEAVY SAND, - GAS TTL BBLs RECOVERED: 1456 BBLs LEFT TO RECOVER: 5509
6/9/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 1200#, TP 0#, OPEN/64" CK, - BWPH, - SAND, - GAS TTL BBLs RECOVERED: 1456 BBLs LEFT TO RECOVER: 5509
6/11/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 1025#, TP 525#, 32/64" CK 15 BWPH, HEAVY SAND, - GAS TTL BBLs RECOVERED: 2056 BBLs LEFT TO RECOVER: 4909
6/12/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 950#, TP 300#, OPEN/64" CK, 17 BWPH, HEAVY SAND, 1.8 GAS TTL BBLs RECOVERED: 2566 BBLs LEFT TO RECOVER: 4399
6/13/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 925#, TP 275#, OPEN/64" CK, 10 BWPH, MED SAND, 1.7 GAS TTL BBLs RECOVERED: 2846 BBLs LEFT TO RECOVER: 4119
6/14/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 900#, TP 250#, OPEN/64" CK, 10 BWPH, MED SAND, 1.7 GAS TTL BBLs RECOVERED: 3111 BBLs LEFT TO RECOVER: 3854
6/15/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 850#, TP 250#, OPEN/64" CK, 9 BWPH, LIGHT SAND, 1.6 GAS TTL BBLs RECOVERED: 3306 BBLs LEFT TO RECOVER: 3659

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 1207
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383 FSL 1736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 29 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401190000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/4/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 922-29J PAD, WHICH CONSISTS OF THE NBU 922-29F4DS, NBU 922-29G4CS, NBU 922-29J4BS, AND NBU 922-29K1DS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 06, 2010

By: *Danielle Piernot*

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/30/2010	

NBU 922-29J
 2383' FSL & 1736' FEL
 NWSE SEC.29, T9S, R22E
 Uintah County, UT

KBE:	4939'	API NUMBER:	4304740119
GLE:	4923'	LEASE NUMBER:	ST-UO-1207
TD:	9280'	WINS#:	31031
PBTD:	9228'	WI:	100.0000%
		NRI:	83.494445%

CASING: 17 1/2" hole
 14" STL 50# csg @ 40' GL
 Cemented to surface w/ 28 sx

12 1/4" hole
 9 5/8" 36# J-55 @ 2430' (KB)
 Cemented with 645 sx. TOC @ surface

7.875" hole
 4 1/2" 11.6# I-80 @ 9280'
 Cemented w/ 1674 sx, TOC @ 2900' per CBL

TUBING: 2 3/8" 4.7# J-55 tubing landed at

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.4192	0.3231	0.0576
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1403'
Bird's Nest	1673'
Mahogany	2179'
Wasatch	4609'
Mesaverde	7132'

Tech. Pub. #92 Base of USDW's

USDW Elevation	1800' MSL
USDW Depth	3139' KBE

PERFORATIONS:

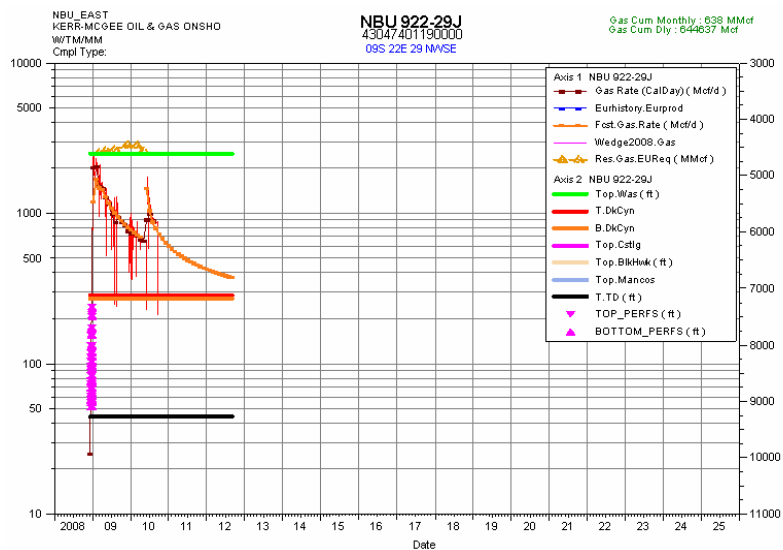
Formation	Date	Top	Btm	Spf	Status
Wasatch	Jun-10	5150	5160	4	Open
Wasatch	Jun-10	6310	6320	4	Open
Wasatch	Jun-10	6777	6779	4	Open
Wasatch	Jun-10	6796	6800	4	Open
Wasatch	Jun-10	6897	6901	4	Open
Wasatch	Jun-10	6982	6988	4	Open
Wasatch	Jun-10	7073	7077	4	Open
Mesaverde	Jun-10	7156	7160	4	Open
Mesaverde	Jun-10	7230	7234	4	Open
Mesaverde	Jun-10	7248	7250	4	Open
Mesaverde	Dec-08	7322	7326	4	Open
Mesaverde	Dec-08	7464	7468	4	Open
Mesaverde	Dec-08	7500	7502	4	Open
Mesaverde	Dec-08	7686	7690	4	Open
Mesaverde	Dec-08	7824	7830	4	Open
Mesaverde	Dec-08	8010	8012	4	Open
Mesaverde	Dec-08	8140	8144	4	Open
Mesaverde	Dec-08	8210	8214	4	Open
Mesaverde	Dec-08	8292	8298	3	Open
Mesaverde	Dec-08	8368	8370	4	Open
Mesaverde	Dec-08	8434	8438	3	Open
Mesaverde	Dec-08	8547	8550	4	Open
Mesaverde	Dec-08	8633	8640	4	Open
Mesaverde	Dec-08	8692	8696	3	Open
Mesaverde	Dec-08	8757	8760	3	Open
Mesaverde	Dec-08	8851	8858	3	Open
Mesaverde	Dec-08	8910	8912	3	Open
Mesaverde	Dec-08	8969	8971	3	Open
Mesaverde	Dec-08	9020	9024	3	Open
Mesaverde	Dec-08	9096	9100	4	Open

WELL HISTORY:

- Spud Well 10/12/08, TD'd 12/6/08
- Dec '08 – Completed MV zones (7322 – 9100') with 7 slickwater frac stages using 840,536# 30/50 sand & 22,503 bbls fluid. C/O to PBTB and turn to sales.
- 12/31/08 – 1st Sales, FTP 2300#, CP 3200#, CK 18/64", 1500 MCFD, 1128 BWPD
- 6/1/10 – Recomplete Upper MV/Was zones (5150' – 7250'), land tbg & RTP
-

Recommended future action for disposition of well bore:

Temporarily abandon the wellbore during the drilling and completion operations of the NBU 922-29J pad wells. Return to production as soon as possible once completions are done.



NBU 922-29J TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 23 sx Class "G" cement needed for procedure

Note: Gyro ran to 8600' 7/2/10

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. **PLUG #1, ISOLATE MV/WAS PERFORATIONS (5150' - 9100')**: RIH W/ 4 ½" CBP. SET @ ~5100'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **4 SX/ 0.8 BBL/ 4.36 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~5050'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT WASATCH TOP (4609')**: PUH TO ~4710'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.3 BBL/ 18.32 CUFT** AND BALANCE PLUG W/ TOC @ ~4500' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 9/23/10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383 FSL 1736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 29 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401190000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/22/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input checked="" type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The operator has completed the temporarily abandon operations on the subject well location on 10/22/2010. The operator has temporarily abandoned the well to drill the NBU 922-29J Pad, which consists of the following wells: NBU 922-29F4DS, NBU 922-29G4CS, NBU 922-29J4BS, AND NBU 922-29K1DS. Please refer to the attached temporarily abandonment chronological well history report.		
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 02, 2010 </div>		
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 10/27/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 1207
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 922-29J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2383 FSL 1736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 29 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401190000
PHONE NUMBER: 720 929-6515 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/16/2011		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This previously temporarily abandoned well has returned to production. This well returned to production on 05/16/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/23/2011	